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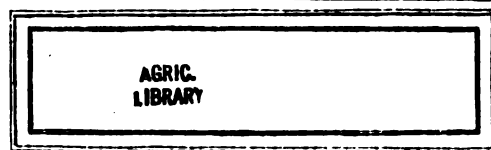
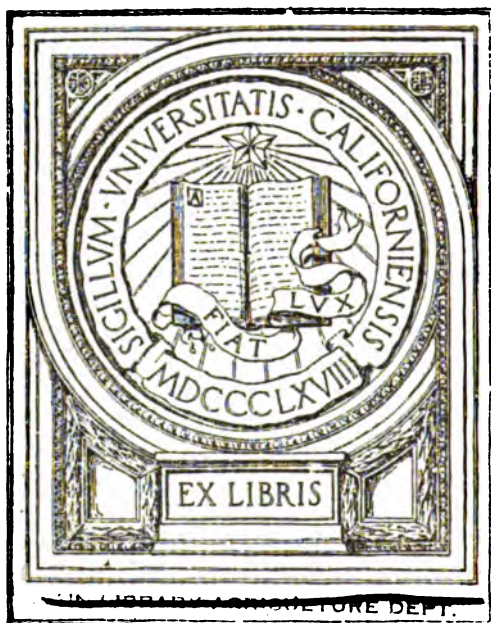
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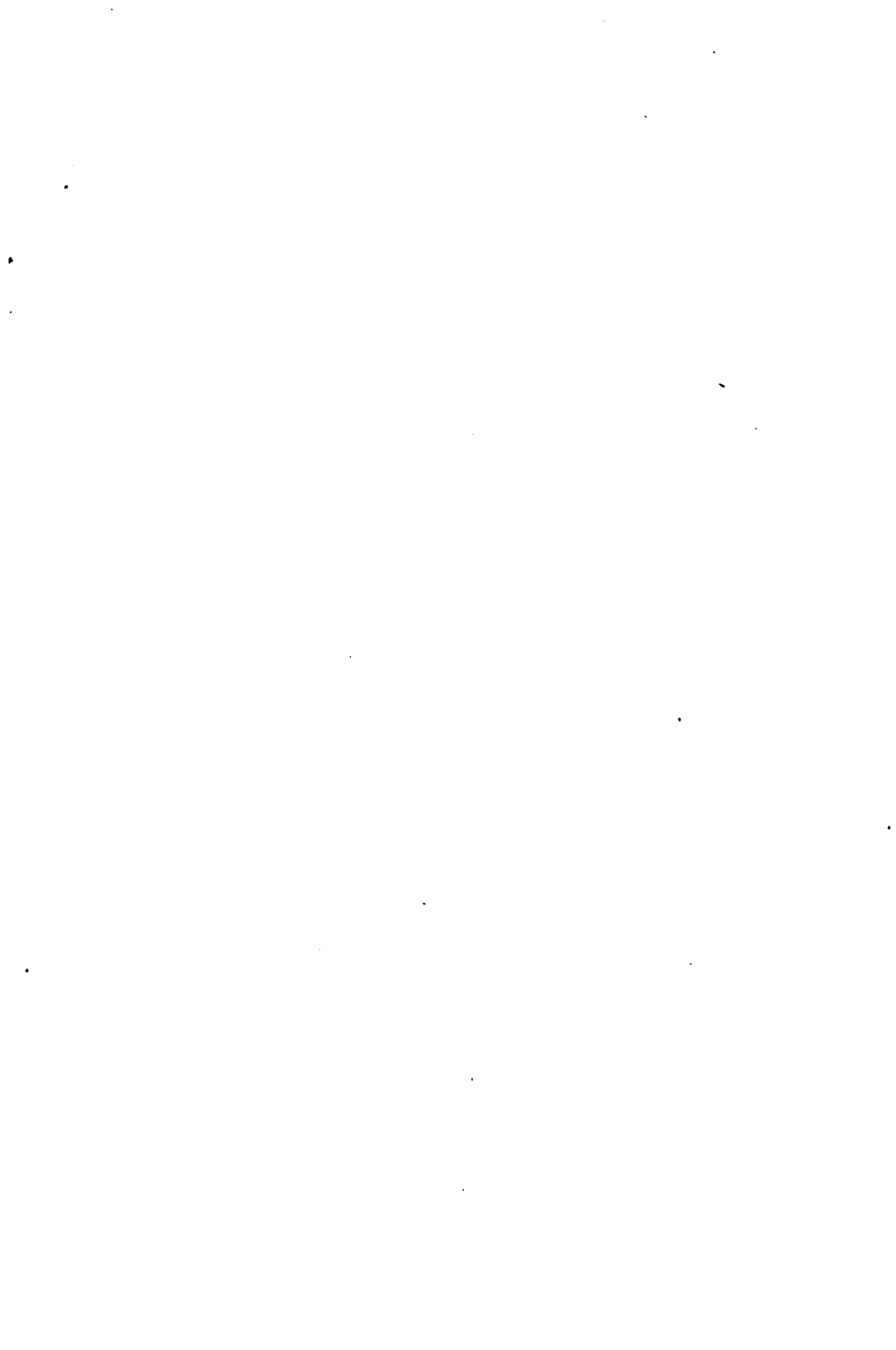
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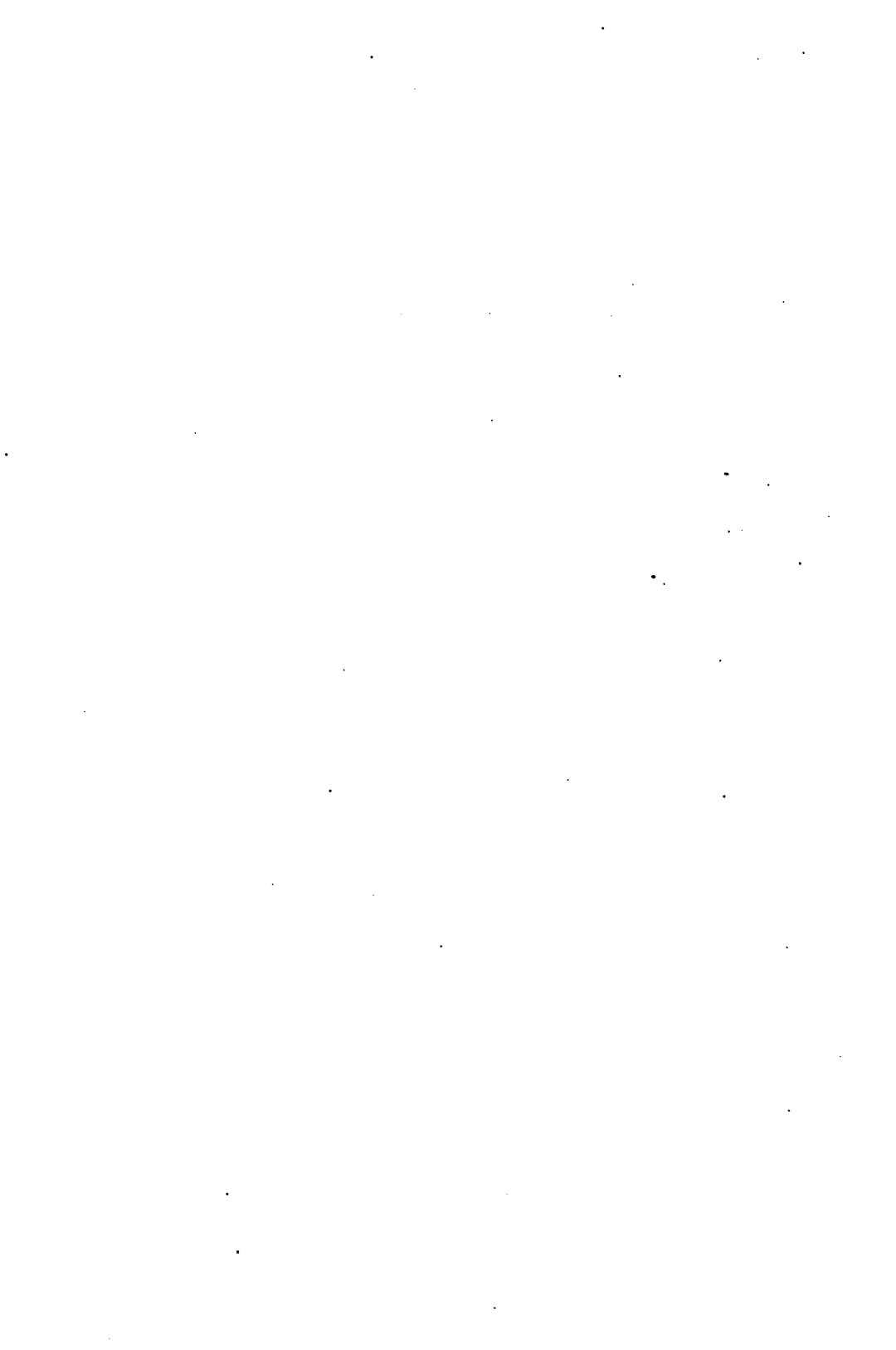
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**THE GUERNSEY
BREED**



THE GUERNSEY BREED

BY

CHARLES L. HILL

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THE GUERNSEY BREED
BY CHARLES L. HILL

WATERLOO, IOWA, U. S. A.
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Introductory

A VERY prominent dairyman once said that, to know a breed, one needs to understand its nature, its nurture, and its ideal. That is, one must realize what it has inherited from its ancestry, the influence the environment in which it was reared has given it, and finally, what the animal itself has been able to add as its measure of excellence.

Heretofore no attempt has been made to collate all the results that have been accomplished by the Guernsey breed. When one pauses and recalls the past he realizes what the varied conditions which have quietly exerted their influence on the breed are. A study of the conditions on the Island is most interesting. The Island people in their manner of handling and caring for the breed and their tenacity shown in protecting its purity have contributed greatly to the development of the breed.

No one has been more fortunately situated to know all this, and no one has more zealously endeavored to become familiar with all phases of the history and development of the breed, than has the author of this book. His connection with the breed for more than a quarter of a century has given him a splendid insight into its characteristics. His early experience at the home farm as a breeder and developer of Guernseys, his knowledge of the affairs of The American Guernsey Cattle Club, gained as a member of its executive board and two years as its president, and his experience as an importer, which has taken him on many trips to the Island of Guernsey, have enabled him to bring together material that is of great value to all breeders.

Though Guernseys have been introduced and have found favor all over the world, it is fitting that a composition of their history should first appear in the United States, where they have been so highly appreciated.

The rapid advance which the breed has made through its ability to produce the highest class dairy products most economically has always been a great source of satisfaction to its admirers.

The future of the Guernsey is a bright one. The public is fast demanding a better class of dairy products and is rap-

idly learning to make a distinction between the different grades of milk, cream and butter. The Guernsey and her grades stand without a peer in the economical production of products having the highest natural color and finest flavor.

The author's endeavor to place in permanent form the results that have been accomplished in breeding Guernseys will be thoroughly appreciated by the breeders. It will give them a better foundation of knowledge and a clearer conception of the results which they may expect to accomplish.

W. H. CALDWELL, *Secretary*,
The American Guernsey Cattle Club, Peterboro, N. H.

Map of the Island of Guernsey



CHAPTER I

The Island of Guernsey

The Island of Guernsey and the sister islands of Jersey, Alderney, Sark, Herm, and Jethou, and several others that are little more than rocks, form the Channel Islands group, and are situated in the English Channel not far from the coast of France. Guernsey is 69 miles southeast of the nearest point on the English coast and about 28 miles from the nearest point on the coast of France. Jersey is about 22 miles southeast of Guernsey and 15 miles from the coast of France, and Alderney is 22 miles northeast of Guernsey and only eight miles from the nearest point on the French coast. Sark and Herm, the only other islands of the group that are inhabited, lie between Guernsey and the coast of France. Jersey, the largest of the group, contains about 45 square miles; is in general conformation sloping to the south; and has a slightly milder climate than Guernsey, where the general slope of the



Rocquaine Bay, Guernsey.

land is northward. Jersey is noted not only for its cattle but also for the enormous quantities of early potatoes that are raised and shipped to the English markets.

Guernsey is nine miles in extreme length and five miles in width, and has an actual area of 24 square miles. Ragged granite bluffs characterize almost its entire coast, and the surrounding sea is very dangerous to navigate, due not only to

the large number of sunken, jagged rocks, but also to the rapid tides that flow in and out among the islands. At no point between Guernsey and the coast of France does the sea exceed 100 feet in depth, and the rush of the tides back and forth through the English Channel, connecting with the North Sea, coupled with the dense fogs that prevail at many



Garden Rocks, Alderney.

seasons of the year, all add to the dangers of navigation about the islands.

Alderney is only about one by three miles in extent, and Sark is not far from the same size.

The sea about the islands is, indeed, a graveyard for ships. A diver who a few years ago went down among the rocks at the southwest corner of Guernsey to locate the foundation for the Hanois Lighthouse said he counted the wrecks of over 50 vessels of all periods of time, from the Caesars down to the present. I myself saw, in 1910, the wrecks of

four large freight steamers, each carrying over 5,000 tons of coal, piled up on the rocks of Alderney. All had gone ashore during two weeks.

The islands are well equipped with lighthouses, beacons and signals, and after the wrecks just mentioned a very large and powerful new lighthouse was erected on the island of Alderney.

About 20 miles east by north of Guernsey is a dangerous reef of rocks called the Casquets. On one of these rocks is located a very powerful lighthouse, but in spite of this light many notable wrecks have occurred there. Perhaps the most notable was that of the man-of-war *Victory*, of 110 guns, with Admiral Sir John Balchen and 1,100 sailors and marines on board, which foundered October 5, 1744, and all perished.

A recent notable wreck was that of the steam packet *Lydia*, of the London & South Western Railroad Company, which, running as a special Good Friday excursion boat, was wrecked here and hundreds of persons perished.

But an account of all the shipping disasters that have occurred in these treacherous waters would fill a volume.

The passage separating the Island of Alderney from a small island just off the west coast is called the Swinge, and here the tides sometimes reach a velocity of 12 miles per hour. It is a strange sight, indeed, to one unaccustomed to such mysteries of the deep, to pass through the Swinge when the tides are strongest and see the wonderful rush of water over the rocks out in the sea. It is almost equal at its worst to the whirlpool rapids at Niagara.

The passage between Alderney and France is called the Race of Alderney, and here also the tides ebb and flow in a manner inconceivable to a landsman. The tides on the coasts of the islands themselves are very high, having reached, at extreme spring tides, 50 feet on the Island of Jersey and more than 40 feet on the Island of Guernsey. On the coast of Normandy opposite, tides of 60 feet have been recorded.

Great damage is often done to the piers, breakwaters and beaches by storms that sometimes occur during these high tides. I saw on the Island of Alderney, in March, 1911, one such storm. The accompanying illustration gives one some idea of the height of the waves, when it is known that the breakwater here is 20 to 30 feet above the sea level of this extremely high tide. This breakwater is a part of the admiralty works and forts, constructed between 1848 and 1852, in the



Rough sea at Alderney breakwater.

endeavor to make a harbor of refuge for English war vessels close to the coast of France. It was originally nearly a mile long, 30 feet or more in width, and 50 feet above the average sea level. It was scarcely completed when a great storm washed away about one-third of it, and it was never reconstructed.

The British government still keeps a large force of men at work quarrying granite, great blocks of which, together with ponderous cement blocks six to eight feet square, are constantly being swung off into the sea beside the breakwater to protect it from the violence of the waves. One severe storm will often destroy the product of a year's labor of this force of men. Long rows of these blocks have been linked together with iron two inches in diameter, and yet all have been ground up by the force of wind and water. In the sea on the inside of the breakwater may be seen pieces of rock weighing tons that have been thrown over the breakwater from the seaward side during storms.

There are 10 forts around the shores of Alderney, only two or three of which are now in use. One of these, Fort Albert, commanding the entrance to the harbor, is situated on a rocky point 300 feet above the sea, and is mounted with large modern guns that doubtless would prove a formidable defense against any hostile vessels. There are from 500 to 800 British soldiers quartered at this fort.

There are two forts on Guernsey. One of them, Castle Cornet, standing on a rock in the sea at the entrance of the harbor, has played an important part in the history of the island, as well as in the French and English affairs at least as far back as 1275. The other fort on the island is about half a mile across the bay from Castle Cornet, and is known as Fort George. In these two fortresses are stationed 600 to 800 British soldiers, and on almost any day, especially on Sunday, an American visitor would be reminded of "when the redcoats took the town," at sight of these soldiers in their gay red uniforms promenading the streets. They saunter in groups of two to half a dozen, but more frequently one of these gaily decorated protectors of His Majesty will be seen walking arm in arm or hand in hand with the sweetheart that occupies his attention as long as he remains on the island.

In nearly every bay and on many of the prominent points of Guernsey are small ancient towers or forts, called Martello towers, which are very picturesque. They are built of solid masonry four to five feet thick, and are 15 to 20 feet in diameter and 30 to 40 feet high. The interior space is limited, and each has two circles of loopholes to command every direction. There are also ruins of many other old and abandoned forts.



Petit Bot Bay, Guernsey.

Guernsey has the best harbor of all the islands, and the largest ocean-going liners and battleships can enter, but not without the assistance of a local pilot, for the passages are extremely dangerous. Scarcely a day goes by in summer that one or more private yachts belonging to some American or English visitor may not be seen in the harbor.

Guernsey and Jersey's freight, passenger, and mail service with Great Britain is all that could be desired. One may leave London on any of three evenings of the week, at about 9:30 on the London & South Western Railroad, take ship at Southampton soon after midnight, and be in Guernsey at seven and in Jersey at 10 in the morning. On the alternate three nights of the week one may leave on the Great Western Railroad and embark at Weymouth at 2:30 a. m. and arrive at Guernsey at 7 a. m. This is also the usual schedule of winter service. In the summer one may also leave London any morning on the Great Western Railroad and arrive in Guernsey in time for the evening dinner. These steamship lines are owned by two railway companies, and return tickets are good on either route. Besides the steam mail packets, each railway company runs freight vessels, almost as large, every day or two, as the service requires. There is also a regular line of steamships running from Guernsey to London direct.

A very interesting system of signals on flag staffs on Castle Cornet and on the grounds of Fort George notifies the islanders when a mail boat from England or Jersey is in sight or is at the wharf.

Traffic between the islands is also carried on by small steamers. The boats go from Guernsey to Alderney on Tuesday morning, going on to Cherbourg, France, Tuesday afternoon, and return by the same route on Wednesday. The same voyage is made on Saturday and Sunday, and on Thursday they go over and back on the same day. A trip is made from Guernsey to Sark at least once a week, and during the summer season excursion boats run once a week to the Island of Herm.

Herm is about one and one-half miles long and three-fourths of a mile wide, and is rented of the English government by Prince Blucher of Germany for a summer home. On the eastern side of this island is a very beautiful shell beach which is the attraction for summer visitors and is the only spot on the island that tourists are allowed to visit. This



Creux Harbor, Sark.

beach, several hundred feet long and 200 feet wide at low tide, is composed entirely of shells, of which very few are varieties that are native to these waters. Many of them are varieties that are found only in the West Indies. Pieces of water-logged mahogany and other tropical woods have been found mixed with the shells. This island also has on it large numbers of rabbits and kangaroos. While the kangaroo is a native of warmer climates, it thrives here, often becoming so plentiful as to destroy the crops, when many are killed off.

The Island of Sark is to many people the gem of the group, and some Americans spend the whole summer there without stopping at the larger islands or in England. The harbor of Sark, called Creux harbor, is largely artificial, and even the small steamers that ply between the islands often cannot enter because of a rough sea. At such times the visitor is taken to land in a small boat, and even in a moderate sea this is a memorable experience for a landsman. Old silver and copper mines exist on both Sark and Herm, although they have not been worked for years. Amethysts and other rock crystal gems are found in small numbers in Sark, and all sorts of jewelry purported to be made of Sark stone are offered to tourists. These souvenirs are ornamental, but it is questionable if any of the stones actually come from Sark.

Fish of many varieties are plentiful, and one of the most interesting places on the island to visit is the fish market. Here on any morning of the week, but especially Saturday morning, one may see what is apparently a large part of the population of the island dickering and bargaining with the fishwives for the fish on display.

On entering the market one finds himself in a spacious arcade nearly 200 feet long with double rows of marble slabs covered with fish, and each market woman having a space allowance of from four to six feet in length on these tables. The fish generally found in the Guernsey market are the turbot, cod, red and gray mullet, bass, shrimp, plaice, dole, pollock, silver whiting, mackerel, lobster and the conger eel, the latter when stretched out on the marble slabs resembling a young sea serpent. Also crabs of an immense size are on sale. Lobsters are very plentiful and low in price, and several hotels, situated on the western side of the island, make a specialty of serving lobster luncheons.

The ormer is a shellfish peculiar to the Channel Islands, and at extreme low tides the islanders gather large quantities of them. When properly cooked they are a great delicacy. Mackerel are so plentiful that they are peddled around the streets at three for 10c. In spite of this fact it is hard to get mackerel served on hotel tables, and the only reason I can think of is that they are so cheap as to be common, while almost every day the hotels serve salmon that comes from Scotland or Norway, costing 50c a pound.

Not only are there many local fishermen, but oftentimes many French fishing boats may be seen outside the harbor or tied up at the beach while the fishermen trade.

Quite authentic history of the island dates back to the 11th century, and it is certain that the Romans landed here in the days when they first came to conquer Britain. Old ruins are shown the visitor of buildings said to have been made by Robert Duke of Normandy, 1029, in return for the kindness the inhabitants showed him during a storm when his fleet, on its way to England, sought refuge in the Guernsey port.

As will appear in Chapter II, the French monks seem to have become established on the island in the 11th century, and the 10 parish churches were built between 1111 and 1117. It gives one a feeling of awe to enter one of these churches, to think that for 800 years people have been christened and

married in and buried from these same rooms. These parish churches now, of course, belong to the established church of England, but all sorts of dissenters have their churches on the island as well, with services in both English and French.

The people of Guernsey are largely of French descent, and English and patois, called Guernsey French, are spoken by nearly every one of the islanders. A few cannot speak English, but the Guernsey people are very loyal to England, and English is gradually superseding French as the language of the majority. The people are hospitable, and, while they



The vale mill.

may seem a bit distant to strangers at first, as soon as they find that one is "all right" nothing they have is too good for one.

The population of the island is nearly 45,000, and considering that the island contains only 24 square miles, one may readily see that it is almost as densely populated as

some American cities covering the same area. That part of the island surrounding St. Peter Port harbor is so thickly populated as to be a city, and as one drives out into the country one gets almost to the far side of the island before it looks like anything else but city.

Many interesting old buildings are seen. Practically nothing has been done to preserve them, and they are usually torn down to make way for modern improvements. In the days of war between France and England, and during the American Revolution, large numbers of privateers and smuggling vessels made these islands their headquarters, and the foundation fortunes of many families were made in those times. Some of the families of today are proud to claim their descent from these men, who were little short of buccaneers. Many of the old wine cellars, hewn in the solid rock and used in the trade of those early days, can still be seen in the side-hills of the town.

The island has a monetary system of its own, consisting of bank notes, state notes, and copper coins designated as one, two, four, and eight doubles. The eight-double piece has supposedly the value of the English penny, but actually it passes at a discount. Guernsey money is the basis of price in most business transactions, and if English money is offered in payment, a premium of 5 per cent is allowed. Then, besides the English money and the local currency, the silver coinage of nearly every country of Europe, especially that of France, is in daily circulation. The French franc, valued at about 19.3c in American money, passes in Guernsey as 10 pence of currency, and is used much more commonly than the British shilling. At least three of the London banks have branches on the island, and there are other local banking institutions.

In the United States the Channel Islands are known almost altogether because of the breeds of cattle that come from them. If one asks people in England if they know the Channel Islands, they are likely to reply: "Oh yes, I spent my holiday there last summer." An enormous number of tourists visit the islands each summer, more in Jersey probably than in Guernsey. Most excellent hotels abound on all of the islands, and as good accommodations can be secured as one will find in American cities of moderate size.

Fine public gardens are maintained, and an excellent means of transportation is provided by the busses that run from the town market square out to the center of nearly every



Roadway at Cobo Beach.

country parish. There is also a trolley line, about two miles in length, running from the quay of St. Peter Port, north to St. Samson harbor, the only places where vessels larger than small fishing boats can land.

The only industry of any kind on Guernsey, other than agriculture, is that of quarrying granite, which is shipped to England as paving blocks and crushed granite, there to be used in the construction of England's roads. This is a very large industry both in Guernsey and Alderney, and large steamers laden with the product leave every day. The granite is said to be one of the hardest varieties known.

A splendid system of roads is maintained throughout the island, with a total mileage of about 550 miles. Most of them have by their sides either stone walls five feet and upward in height or earth fences that are often eight or 10 feet thick at the bottom, five feet high, and three feet wide at the top. The main roads are usually 16 feet wide, but many of the roads are called lanes and are not over eight or 10 feet wide. Oftentimes at some turn in one of these lanes two vehicles will meet, which means that, unless some farmer's gate is convenient for one or the other to drive into, one of them must back out.



Gateway at Les Blancs Bois.

The tops of many of these earth roadside fences are covered with gorse, as are many of the cliffs and other waste lands. The gorse, known also as furze, may be of added interest to some, since it has given rise to the saying: "Love will go out of fashion when the gorse ceases to bloom." One can find large quantities of this particular plant in bloom 365 days in ordinary years and 366 days in leap years. It is an evergreen plant and, when young and tender, the new growth is sometimes cut and used as forage crop, but later it becomes woody, and the stalks are bound into bundles and used for fuel in the fireplaces and kitchen ranges.

These roads are all built of granite and are kept in perfect condition, it even being the duty of the children, apparently, to sweep up the droppings of the horses, for use as fertilizer; and in town the streets are not only swept but, as the hills are steep, they are sprinkled with finely crushed granite to keep the horses from slipping. Motor cars are now very numerous on the island. A large part of them are of American make, so that the islanders are beginning to return a few of the dollars we have paid them for their cattle. The horses used on the island, about 6,000 in number, come from France or England and are usually of excellent type of the smaller, more active cart horse.

The climate of Guernsey is semi-tropical, and the range of temperature from summer to winter is slight. The thermometer seldom registers above 70 degrees Fahrenheit, or below 40 degrees, and never remains stationary at the freezing point.

Slight snowfalls occur at rare intervals. In April, 1911, snow fell to a depth of 18 inches on the level, and, as April would about correspond with our June as regards foliage and plant growth in general, one can readily see that much damage would be done, although the temperature was not down to the freezing point.

The months of November and December are apt to be cold, wet, and disagreeable, with high winds. This is not always true, for in a letter received from the Island of Alderney, dated December 17, 1913, the writer said that on that day he had picked a beautiful bunch of roses from his garden, including crimson ramblers.

The most severe of the winter weather is generally over by the middle of January, and by that time, and often earlier, the camellia begins to bloom, followed by almost every variety of flower one can mention. The people of the island are wonderful lovers of everything belonging to floriculture and horticulture.

Fuchsias, geraniums, and roses run riot over the houses, with such masses of bloom as to make the foliage almost invisible. Another flowering shrub that is planted very frequently along garden paths and roadways is the blue flowered veronica. Many varieties of palms flourish in the gardens and the agave, or American aloe, commonly called with us the century plant, often blossoms out of doors. In the summers of 1911 and 1913 I saw beautiful specimens of this plant in blossom with flower stalks 20 to 25 feet high.

There is also grown a species of lily known as the Guernsey lily. Without doubt this was originally of Japanese origin and is supposed to have come to the Island of Guernsey in an early day by the wreck of some Japanese or Chinese junk.

The agriculture of Guernsey is really its marvel. While there are a little over 15,000 acres comprising the island, considering the space occupied by the rocky cliffs, the 550 miles of roads, the towns, houses, barns, other outhouses, and fences, with nearly 1,000 acres in one tract that is a barren, sandy waste and used for golf commons, it could hardly be that more than one-half to two-thirds of the acreage is really

under productive cultivation. Yet, in spite of this, the agricultural exports from the island for the year 1909 amounted to \$350 per acre for every acre of the island.

When it is considered that all of the beef, pork, grain, butter, milk, poultry and eggs produced on the island are needed for home consumption, and large quantities of the vegetables and fruits as well, these export figures are almost beyond conception to an American farmer. It is little wonder that land sells at \$1,000 to \$2,000 per acre and rents for from \$50 to \$75 per acre per year. This productiveness is largely due to the greenhouse industry, and it is said that if the greenhouses now on the island were placed end to end they would reach 800 miles. Some farmers run as many as 90 houses. Not all of these are artificially heated, many of them being simply great cold frames.

Some of the crops grown in these houses are grapes, figs, peaches, nectarines, pears, tomatoes, beans, potatoes, cucumbers, French melons, carnations, arums and almost every other kind of bulbous flower.

It hardly seems possible that it would pay to grow potatoes under glass, but I have seen them selling on the wharf for 6d per pound, equal to 12c per pound, or \$7 per bushel, in American money.

The largest single crop is tomatoes, and to gain a true idea of this industry in Guernsey one must remember that many of the plants cultivated here under glass to supply the English markets will not grow out of doors in England at all, and this is true of the tomato.



Greenhouses on Guernsey.

To a visitor, perhaps the grape crop is the most interesting of all the crops grown. Once in two or three years the grapes can be forced unusually early, and they often then command a price as high as \$1.25 per pound, or even more. One of the growers told me that in a single season he sold \$13,000 worth of grapes from four houses. The usual price, however, ranges from 25 to 50c per pound. The best of these grapes are so much better than any other grapes I have tasted that there is no comparison. The varieties mostly grown are the Tokays and Muscats, though I think the best of any I have tasted is the Canon Hall.

In the early spring months the amount of flowers shipped daily to England is incredible. On the Thursday preceding Easter in 1907 I went down to the wharf at 6 a. m. and found that the work of transferring flowers from the wagons to the boat had proceeded since 4:30 a. m. Still there was a stream of wagons a mile long waiting to unload, and it was after 10 o'clock before the last of the flowers were safely on board. The shipment that day amounted to over 17,000 cases, most of which were three to five feet long, a foot wide, and eight inches high.

When the flowers are grown out of doors the fields in bloom make a beautiful sight, indeed. I remember a field of jonquils that I used to pass every day on my way to the country, and as we went out in the morning we saw a force of a dozen men, women and girls start picking on one edge of the field. When we came back for luncheon at 1 o'clock they were half way across the field, and where they had begun to pick the yellow was beginning to show again. By night the workers had finished, but on the side where they had begun the field was almost as yellow as it was in the morning. The picking went on day after day, and later, when the flower season was over and the plants had died down, the field would be planted to vetches and oats, either to be fed as a soiling crop or more often to be grazed off by cows tethered there. Still later the field might grow a crop of turnips. This succession of crops may go on for two or three years, when, after the last crop, the field would be spaded over by hand and an enormous quantity of bulbs harvested, many of the best of them going to the bulb dealers of New York, Philadelphia and Chicago.

Many of the crops grown in the houses are planted in pots, and when the crop is matured the pots are carried out, and some other plants that have been started in pots are

carried in. Still another system somewhat in vogue is as follows: A piece of land 100 feet wide and 400 to 600 feet long is laid out in tracts perhaps 40 to 50 feet wide and the longest way across the field. Then two or three glass houses, each 40 by 100 feet, are so arranged that they can be moved up or down on small railroad-like tracks, and from one tract to another, thus to force any crop in the field. These houses, of course, are not artificially heated.

Everything about this greenhouse industry is carried on very systematically, except the marketing. Having talked many times with different growers and marketmen, I am confident that generally a more uniform price could be obtained with less waste of produce if they would organize a co-operative market association. Many of the growers ship in their own names to the commission merchants of nearly every city of Great Britain, while others sell their produce on the island to wholesale merchants that market in more wholesale quantities.

While there is considerable commercial fertilizer used, dependency is largely placed on the manure made by the horses and cattle of the island. Every farm has a very carefully cared for compost heap, to which is carted not only manure from the stables but every bit of waste vegetable matter and scattered leaves that can be gathered from the



Gathering seaweed on Guernsey.

farm. Then at certain seasons of the year, when the laws allow, many farmers draw large quantities of seaweed, which is spread on the gardens and meadows. The seaweed adds both fertilizing elements and humus to the soil and does not seem to bring salt enough to the land to do it any injury.

Much of the central northern part of the island is below sea level at high tide and has been reclaimed from the sea. There are some fields that still have tide gates that close automatically at high tide and open at low tide to let the drains empty their water into the sea.

The cattle are fed largely on hay and roots. The root crops are mangolds, parsnips and carrots. This is the only place where I know parsnips to be grown for cattle food. Even here the best farmers seem to consider them to be of more value for fattening purposes than for milk production.

The hay grown is quite largely alfalfa or, as they call it, lucerne, mixed with red clover and Italian rye grass. Alfalfa seems to do very well there, and I have been unable to find any good reason why they do not sow it alone. But certain it is that the alfalfa and Italian rye grass together make as fine hay as one could wish to have. Because of the frequent rains and the many foggy days, the haying proposition is a very different one from that of the American farmer. The hay lies for a week or more in the swath, and still it is surprising what beautiful hay is made. There are few barns in which



A Guernsey hay stack.

to store hay, so it is nearly all stacked out of doors in great stacks containing up to 50 tons. Because of the difficulty of curing the hay it is often stacked quite damp, and wooden chimneys a foot square and with sides bored full of holes are frequently placed in these stacks to allow the moisture to escape more easily as the sweating process goes on. These hay stacks are a work of art and, when they are through sweating and settling, they are frequently very carefully thatched with rye straw, giving the hay as much protection from the elements as a barn.

The farmers there will tell you that thatching is becoming a lost art, and many are now constructing ricks for their hay by setting tall upright poles and having a roof made of corrugated galvanized steel roofing that slides up and down on the poles so that it can be kept close to the top of the stack for protection.

While one sees many American and English farm tools about the farms, especially mowers, tedders and rakes, much of the work is done by hand labor that would be done by machinery in this country. One will not wonder at this, however, when one finds that the average price of farm labor on the island is \$12 a month, the men boarding themselves. In the spring of 1912 I brought a young man over with me, 19 years of age, who was working for a farmer on Alderney for the munificent sum of 4s currency per week, which is equal to 92c in our money, and for board he seldom had anything else than bread and tea. It is little wonder, then, that every young man who can get an opportunity to emigrate leaves home at once. Not all of them who come to Canada and the United States adapt themselves to the conditions of work and living in this country, so that they become contented, hence quite a few of them eventually find their way back home.

Some of these returned Guernsey men, however, have acquired a competence while in this country, and two of them, once successful New York merchants, have given the island a very good free library, called after them the Guille-Allez Library.

Like every other country in Europe, these islands have contributed many settlers to the United States who have settled in community groups. One will find in these places relatives of nearly every family on the island. Guernsey county, Ohio, was first settled by people from this island.

Often families visit back and forth from the island with their friends in America.

While a few of the cattle are pastured, nearly all of them are tethered, and this is done by the use of iron tether pins 8 to 10 inches long, with a chain about 16 feet long and containing a swivel attached to the chain or to the rope around the horns. The animals are moved every two or three hours and only about three feet at a time. They are thus unable to trample down any of the fresh food with their feet, and in this way it is possible to do successful tethering along side of vetches and oats that will often be five feet high and that I did see above my head in 1913.

Many of the farmers cut these grain crops and draw them to the barn or to racks in the fields and use them as soiling crops. Very limited amounts of grain are harvested and threshed, but the yield is very good indeed. I saw a small field of winter wheat on the Island of Alderney that yielded upward of 50 bushels per acre.

The Island of Guernsey abounds in many places of interest for those who delight to delve into the antiquities of a country. There are several cromlechs and Druidical remains on the island. A Mr. Lukes, who was greatly interested in the study of the ancient inhabitants of these islands, dug under some of these cromlechs and altars and collected the



La Foss Farm, Guernsey.



The farm house, "Grande Capelles," Guernsey. The date over the doorway gives the year when the Robin family moved in, not when the house was built.

pottery, arms and cooking utensils found there. He later established the museum that now bears his name, which is open to the public. It contains a large and interesting collection of these antiquities.

Perhaps the chief place of interest to visitors is the home of Victor Hugo, who lived here while exiled from France. The house is still owned by the family and is open part of each day to visitors who wish to view the interior. The home of Victor Hugo has additional interest to lovers of antique furniture because it is filled with the choicest specimens of old English styles. It was here that Hugo wrote the book "Les Misérables." If one desires to read a book that is not only a beautiful and fascinating story but which also contains wonderful nature descriptions and from which he will learn much concerning the customs of the people of the island, he will surely be interested in reading Hugo's "Toilers of the Sea." Nearly every shop on Guernsey offers it for sale in editions from 6d up.

The homes of the island are nearly all built of stone, brick, tile, or cement, with many of the older ones still having thatched roofs. The more modern ones have roofs of slate, tile, cement, or asbestos shingles. Many of the farmers are freeholders and the farms are handed down from generation

to generation. Nearly every house, whether in town or country, has a name of its own and is spoken of by that name. It is much easier to find a man if you can tell the name of his house than it is even to know his name. This is a custom that American farmers could well copy. It adds a certain touch of sentiment that is well worthy of imitation.

There is a beautiful custom that exists in this connection. When a young couple are married and move into a house that has not been previously occupied by ancestors of either of the pair, they are permitted to carve their initials over the doorway, with the date of their marriage. This then remains as long as they or their descendants live in the house. The accompanying illustration shows one such doorway, being of a farmhouse known as the Grandes Capelles. My friend, W. W. Marsh, while once standing in front of this doorway, remarked to Mrs. Robillard, the present mistress of the home and who was a Miss Robin: "Seventeen seventy-two! My, isn't that an old house?" Mrs. Robillard replied almost in scorn and disgust: "That isn't when the house was built; that is when we moved in."

Not until we American farmers come to love a farm home and to think of it as something more than a piece of real estate to be sold to the first person that will offer a little more than it's worth will we care for such a home and wish to hand it down to our descendants in a little better condition than we found it; and not until then will we be worthy to possess the deed to 40, 80, or more acres of the rich soil of our United States.

Most of the cow stables of the island are anything but models for the purpose for which they were intended, and, though each year finds some more modern stables being constructed, most of the older ones have floors made of cobble stones, 4 or more inches in diameter, partially bedded in cement, and, as little bedding is obtainable, one can well imagine the filthy condition in which many of the stables are found. A good percentage of the cattle are kept in the stables at night, in both summer and winter.

The calves, when a very few days old, are fed on the milk from the churn, which is more like sour skimmed milk than like our butter-milk. I venture to say that there are many old cows on the island that have never tasted grain, but more and more farmers are each year feeding grain in addition to roots and hay, and the condition of the cattle



The stone trough.

shows it. I have noticed a wonderful improvement in the condition of the cattle on the island since I made my first visit, in 1907, for at that time there were really very few farmers who gave their cattle good care, while now poor care is the exception.

There has also been a marked improvement in the last few years on Alderney, and the reason is that, previous to 1910, they had no market for their cattle, except an occasional demand from England or Guernsey, when the Guernsey farmers paid not more than half the price that the American importers paid them for the same animals.

One might easily keep writing about this island until a whole book were written, and there would still remain many things that would be of interest to any reader, and especially to one who has a love for the Guernsey cow. The place will never cease to have charm, either in story or in reality, and I hope that many of those who read this book and who have not seen for themselves will have an opportunity to visit this enchanting island.

CHAPTER II

The Origin of the Guernsey Cow

It must be confessed that the origin of Guernsey cattle is lost in mystery. The common statement is that they are a development from a cross between the large red cattle of Normandy and the small red cattle of Brittany. I have been able to find little direct proof to substantiate such a claim. While searching for evidence on this point, I found that the subject had been one of special investigation by the monks in charge of the Les Vauxbelets Agricultural College, Guernsey. Their theory seems to be the most probable of all that I found, and I present it here in the words of B. J. Ananias, professor of agriculture in that school. If there is any foundation of fact at all in this theory of the origin of the Guernsey, I think it is as stated in his letter. He writes as follows:

"Though the origin of the Guernsey cow be lost for want of definite historical records, inferences from the known history of the people and from analogies of qualities and habits of the cattle in question permit the observer and student to draw conclusions which seem to point out the very breed that have, in days of yore, contributed to the shaping and molding of the excellent modern Guernsey.

"1.—One is prompted, by study and comparisons, to say that the most prominent ancestor of the Guernsey cow is the breed, not yet extinct, called 'Froment du Leon,' in Brittany, France. This 'Froment du Leon,' as to the size of frame, is a very small breed, much smaller than the present Guernsey, but possessing the same markings, quite distinct on the animal; namely, red and white, fawn and white, etc. It is active, gaudy, with bright eyes, and is quiet at milkings. It is in truth a charming little gem.

"One of the reasons of its smallness may be ascribed to the country where it is bred and lives; there the grass is scanty and short, and the animal has to work hard to pick up a full feed. Another reason is the neglect with which the young stock is raised, the little care taken of it by the breeder even unto this day, except a few well-to-do gentlemen who lately have taken steps to improve it by severe selection, better housing, and, above all, better feeding.

"Though the 'Froment du Leon' animal be small, it gives a good flow of milk proportionate to the bulk of the beast. In full milk it produces up to 30 pounds daily of rich, yellow milk, from which butter of the finest quality is made.

"Hence by close analogy this cow seems to be the leading originator of our modern Guernsey.

"2.—The second source from which the Guernsey has been formed was the introduction of Norman blood of the brindle variety of cattle, which is yet to be found in the rich butter district of Tsigny, renowned as producing the best French butter. This Norman brindle breed is much heavier than either our modern Guernsey or the old

'Froment du Leon,' and gives a good supply of rich milk, often from 60 to 70 pounds daily in its own native land.

"This second ancestor of the Guernsey is made obvious by the brindle cattle which, by atavism or reversion, often appear in the Guernsey breed, and also by the black-nosed cows which often are met with in the island. These brindle markings and the black nose come, no doubt, from the Norman brindle. Besides, only a few years back brindle cattle were quite common in the island and had a very good name as milkers.

"By selection, since foreign cattle are no more admitted in the island, the brindle marks have almost disappeared, or have a great tendency to do so, as has also the black nose.

"Now, the crossing of the two breeds, the small 'Froment du Leon' and the bulky Norman brindle, has given the medium-size cow of Guernsey, in which there seems to be more blood of the first than of the other.

Introduction of the Breeds into the Island of Guernsey.

"3.—But when were animals of this breed taken to Guernsey, where resulted the cross? This is the very point on which no record is to be found, yet no stone has been left unturned in the effort to discover some facts of the introduction and crossing. Consequently, the observer and student are left to themselves in a labyrinth of conjecture, from which they must find a way out by their own researches, and draw their own conclusions, at least until some one is fortunate enough to discover something upon which he can build a sure and undeniable proof of the date of the foundation of the excellent and unsurpassed Guernsey breed, the producer of the richest and best butter in the world.

"According to the Norman chronicles, the Duke of Normandy sent some monks of 'Mont St. Michel' to found a new abbey in Guernsey, which new abbey took the name of 'St. Michel du Val.' It was about the year 960. Some years after, Duke William of Normandy gave the monks new lands in the island on the condition that they would till the soil, teach the art of agriculture to the natives, and defend them against the possible encroachments of sea rovers. The extent of their lands included the four parishes known today as 'Vale,' 'Catel,' 'St. Saviour's,' and 'St. Peter in the Woods.' To cultivate so much land efficiently they had to import animals from the continent as draught beasts and also to supply products directly for their living, their diet consisting mainly of milk, butter and cheese. It is very probable that there were no cattle, or only a few head, as the natives were few in number and very poor, many having been slaughtered or driven into slavery in the previous centuries, and that for resisting sea pirates.

"Now, nearly all the founders of the abbey 'St. Michel du Val' were Bretons, and it is, therefore, most natural they should import cattle from their own country. Besides, they were the only body able then to import animals to the island, the natives being too poor and having no taste for breeding, as they were all fishermen.

"Some years afterward, about 1061, other monks came from Cherbourg. They established two new abbeys, one on Alderney and one at 'Blancheland,' in Guernsey. These new colonists after settling brought over Norman cattle of the brindle variety, for these settlers were Normans. The cattle they brought over were in the course of

time crossed with the 'Froment du Leon' already introduced. It took many years for the two bloods to fuse together and thereby form our modern Guernsey. Yet good results crowned the efforts of the breeders. The bulky Norman brindle gave stuff to the offspring, and the 'Froment du Leon' gave lightness to the grade, which has in the course of years become the beautiful Guernsey.

"Such would be the origin of the Guernsey cow, and, in the absence of any documents to the contrary, this version seems to be the only probable one, considering the state of the island at such a period in the 10th and 11th centuries.

"The likelihood of a fusion of Ayrshire blood does not appear quite satisfactory, because, though the Ayrshire be somewhat of the same type as the Guernsey, the milk it produces is far inferior in quality to that of our breeds; and, if any crossing had taken place, the Guernsey would not today possess the quality of richness of milk in so marked a degree.

"Of course, if we consider the different breeds and inquire into their origin, we find much analogy between the Ayrshire, the Welsh, the Kerry, and the Breton breeds, and one is inclined to infer that at one time these four breeds were all developed from the one breed likely to have been dispersed when the Angles made the conquest and settled in England, driving the native Kelts to Wales, to Armorica, as Brittany was then called, and to Ireland. But this took place long before the 10th century. The differences of climate, soil, pasture, treatment, and other causes have wrought such changes in the offspring that new breeds have thereby become established, differing in color, milking qualities, size and other points that characterize a breed.

"Therefore, in conclusion, it is fair to admit that only the 'Froment du Leon' and the bulky Norman brindle are the real and main originators of our modern Guernsey cow."

The following quotations from the book, "Annals of Some of the British Norman Isles Constituting the Bailiwick of Guernsey," by John Jacob, published in 1830, makes it evident that as early as that date Guernsey was noted in England for its cows. On page 36, under the heading "Agriculture of Alderney," he says:

"With respect to agriculture and horticulture, we find that Devonshire and Herefordshire are celebrated for their fine cattle and excellent cider. Kent, for corn, drill husbandry, and hops. Romney Marsh, sheep and fruits, particularly cherries and filberts. Norfolk, for turnip and barley culture. Cheshire, for cheese. Surrey, for Farnham hops. Sussex, for fine cattle and Southdown sheep. Leicestershire, for large sheep and long wool, while Portland Isle is known far and near from its small, highly flavored mutton, and short wool. Thus it is with the Island of Guernsey, which has long been known for its excellent culture of parsnips, as well as for cows, fruits and vegetables, particularly Chaumontel pears, figs, etc., and broccoli; for cider, for Guernsey lilies and other flowers.

"The same may be said of Alderney, with respect to its cows, which, for more than half a century, have been sought for by persons in all parts of England on account of the richness and produce of

their excellent cream and butter. I was told by a gentleman of Alderney that though their cows are much smaller, and require less food than those of Guernsey, yet their produce in cream and butter is as great. This may, however, be disputed by the Guernsey gentlemen, as I could not learn that any fair experiment had been made for the purpose of ascertaining the truth."

In a footnote Jacob says:

"Mr. Sandford, the Jurat, said that Gen. Bayly, when governor of Guernsey, taking a fancy to one of his cows, wished to send her to His Majesty. Mr. Sandford consented, upon the condition that the governor should send him one of the best Guernsey sort. He, therefore, has had both sorts on trial, and he told the writer that he had found the Alderney sort to give as much, if not more, butter than the Guernsey cow. Mr. Sandford also remarked that the Guernsey cows became dry before calving long before the Alderney; at least his did, which, he said, was nearly two months dry; whereas the Alderney cow might be milked, if well fed, almost to the last week before calving."

He also says:

"All these islands agree, however, in tethering their cattle in the enclosures, let the latter be ever so small, and in milking their cows three times each day; although some exceptions to this rule may be seen, for the Barrack-master, William Hanmer, Esq., whose two cows are among the best of the island, (Alderney), had his milked only twice a day. The two cows gave 17 quarts of milk at each milking; these were not tethered but were changed every night and morning into two different enclosures, while, on the contrary, perhaps the two handsomest cows (one of which had gained the governor's prize) belonging to W. J. Sandford, Esq., produced (he said) each 10 pounds of butter of 18 ounces to the pound; these were staked out, and milked three times a day. Major Martin also informed me that he sold to the governor some time ago, one of his cows, which produced 14 pounds of butter per week. I saw this cow, but could not praise it for its beauty. I could only say, 'Handsome is that handsome does.' The major also said that one of his cows, as well as the cow of Mr. Sandford's, graced His Majesty's Park at Windsor. It may be remarked that the general stock of cows and young cattle appeared not to have been well fed."

On page 90, regarding the cattle of the Island of Sark, Jacob says:

"Their horned cattle are rather larger than the Alderney sort, but they are not handsome; neither are their cows particularly famous for milk, or butter: a fat ox has been known to reach 60 score, or 1,200 pounds, but the average weight may be said to be about 700 pounds; these are also killed in Guernsey. Their horses are neither handsome nor large, but they are hard workers."

On page 167, discussing the cattle on the Island of Guernsey, the author continues:

"The remarks made on this subject, under the article 'Agriculture in Alderney,' where the comparison is made between the cows of

that island and Guernsey, will, in some measure, preclude the necessity of entering so largely here upon this head. Both oxen and cows are much superior in size to those of either Jersey, Alderney, or Sark. The ox, of the largest kind, fattened chiefly upon parsnips and hay, with grass in the summer, has been known to have attained the weight of 1,500 pounds, or 75 score, Guernsey weight, as appears from the evidence of the clerk of the market of St. Peter Port, where the animals have been slaughtered and weighed. Quayle says, page 280, 'those of 1,200 pounds, or 60 score, appeared not unfrequently; in general, they are fine animals, and commonly worked in the shafts, sometimes singly, sometimes double, with one or more horses before them. They were broken in early, well attended to, very powerful, very docile draft cattle, and used both for carting and ploughing.'

"The Guernsey cows are infinitely larger, taller, and generally of rather a darker color, than those which usually sell in England under that name: These, says Jeremie (page 190) come from Jersey, and may be had much cheaper; the Jersey ox seldom or never weighing above 1,100 pounds, or 55 score. Quayle observes that the question of preference is stoutly contested by both islands. Jeremie, who is a Guernsey man, contends: 'If price be considered here, as on other occasions, the criterion of value, we have decidedly the advantage; the general average being in favor of the Guernsey farmer by two or three pounds sterling the head.' This argument, *prima facie*, may appear to be conclusive; but it does not follow that a large cow will be more profitable to the dairyman than a smaller sort, and which may not be so handsome, but which costs less, requires less food, and perhaps may produce as much butter or cheese as the larger one. Billingsley's Agricultural Survey of Somersetshire will explain this: 'The cows of this district being intended chiefly for cheesemaking, the profit arising is in proportion to the quantity and the quality of the milk: size, therefore, is not attended to; but principal regard is paid to the breed whence she sprung.' I may here add that upon my estate in Wales, I had, among many others, an Irish cow, which did not cost above one-third as much as a large Herefordshire or true Glamorganshire; yet this small and ugly cow gave at least a third more milk than any one of the others. Sir John Sinclair, in his Code of Agriculture, page 84, says: 'Small cows, of the true dairy breeds, give proportionably more milk than larger ones.' It is, therefore, most probably the difference in the size of the animal which may cause it to bring a higher price than either the Jersey or Alderney cow, and not the intrinsic merit of the animal itself, for the purpose of the dairy only. Mr. Jeremie himself says (page 191) 'that a Jersey cow will probably produce the same quantity of milk, but it will be much inferior in richness; and, therefore, Guernsey butter has invariably borne the palm.' By offering the above sentiments I by no means wish to disparage the Guernsey cows, for they are most excellent; neither do I desire to enter into the contest, or to give an opinion which animal is best for exportation to England. This must depend on the taste of the English. If a gentleman or a dairyman prefer a fine, handsome, and large cow to a smaller one, he will come to Guernsey for it; if he should choose a smaller sort he will go to Jersey or Alderney. Good Guernsey cows sell now from £14 to £15 each; but the beauty and quality of the animal often make a difference of some pounds in the price. A

cow is judged by the mellow feeling of the hide; by the deep, yellow circle round the eyes; the tip of the tail, and the inside of the ears should also be yellow. The states of the island allow the agricultural society £60 per annum to be bestowed in premiums for improvement of their cattle.

"Mr. Jeremie is certainly very right when he says: 'The fattest cows are seldom the best milchers,' for this is invariably the case; 'and the best milchers will not always produce the largest quantity of butter.' 'A gentleman,' adds the same author, 'mentioned an instance of one of his cows furnishing 18 quarts of milk each day; another gave only 12 quarts, and yet they both produced the same quantity of butter, viz., one pound and a half a day.' Instances can be well substantiated of cows giving 15 pounds of butter per week; one, says he, belonging to a friend of mine, calved in the month of March; he kept the calf nine days, sold it then for 18 shillings; in the course of two months from the day of her calving, besides feeding the calf and 60 quarts of milk, she gave 100 pounds of butter. But the general quantity of 'milk and butter, including young and old cows, and in summer and in winter, is rather more than 365 pounds in the year, being equal to one pound of butter, or eight quarts of milk, the supposed general average in the 24 hours.' Three verges and a half (about one acre and three-fourths, English) of good ground, are considered sufficient for each cow. In Somersetshire, Billingsley says (page 144), 'from three to four acres of land will keep a cow throughout the year.' It may be asked: Does this difference arise from the superiority of climate, the excellency or difference in the cattle, or from the mode of management in Guernsey; namely, 'that of the cows being staked by the horns, by means of an iron or wooden stake attached to a halter about 12 feet in length? [Rather a long halter.—C. L. H.] In this manner it is removed four or five times a day, and allowed a fresh range from two to five feet each time, which causes them to eat the grass off remarkably clean.' This, together with being constantly led to and from water, is the cause of their being very docile. The cows here are invariably milked three times a day in their flush. In order that the reader may be informed of the true number of the different sorts of horned cattle, which have been exported from the three islands of Jersey, Guernsey and Alderney, for the past six years, the following export table, has been procured by a friend, upon the authority of which the public may rely.

"Subjoined is a summary of the table of cattle exported from the different islands:

	Bulls	Cows
Total export from Jersey, 1822 to 1828	132	8,029
Yearly average	22	1,337
Total export from Guernsey, 1822 to 1828	41	2,132
Yearly average	7	355
Total export from Alderney, 1822 to 1828	11	414
Yearly average	2	69

"In the various parts of England the old-fashioned upright churn is still made use of; in other parts the barrel churn is the only one used; while in some places the veritable patent churn has been adopted. In Somersetshire the common mode is to use no machine at all; the cream alone is put into a deep earthen vessel, or crock,

and with the hand they turn it about till the butter comes; this plan generally brings it sooner than any other; sometimes they scald the milk in the first instance, then, taking off the clotted cream, it is thus churned into butter. In Devonshire the milk is always so scalded before it is churned, and the Devonshire butter may vie with any in Great Britain. The churn generally used in Guernsey is the upright, old-fashioned one; and here they churn the milk with the cream, and generally on the third day; it is commonly put into the churn over night, and when it becomes curdled it is churned, and, in consequence of the acidity of the milk, the butter comes quicker, and perhaps cannot be excelled in any part of the world. * * * It may be observed here that no cheese is made in Guernsey. Before we take leave of the subject of cattle, I would remark that the manner of weighing the slaughtered cattle at the market is not by the carcass or quarters of beef, as in England, but with the whole loose fat, skin, and head. An ox, not long since thus weighed, produced a total of 1,601 pounds, or 80 score; but the loose fat and skin weighed 300 pounds, or 15 score; the neat carcass, therefore, produced 65 score, which is certainly a large ox. Great attention is paid, by the constituted authorities of this island, to the improvement of the breed of cattle, not only by giving small premiums, as before mentioned, but also by enacting laws to prevent the possibility of their becoming degenerated. An Englishman might perhaps be led to imagine that it is contrary to the true spirit of liberty not to be able to choose the sort he may like best; but when it is considered that the honor of the island is at stake, and that, were a free intercourse to take place with France, French cows would in great numbers be brought into the island, and exported to England under the name of Guernsey cows, when they were only French ones; by which means the present lucrative trade of Guernsey cows would be soon abolished, the constituted authorities have, therefore, acted most judiciously in enacting the following law, which I shall here translate for the benefit of the English reader:

“Ordinance of the 17th February, 1824, Before Daniel De Lisle Brock, Esq., Present, Etc.—At the Royal Court.

“Upon information given to the court, that there had been introduced into this island heifers from France, whose age and condition render them unfit to be butchered within four months, fixed by law—other circumstances also having given reason to believe that the intention is either to keep them for cows, and by that means to degenerate the breed, which the inhabitants of this island have more and more endeavored to improve; or else for the purpose of fraudulently exporting the same into England, which in either case would prove a fatal blow to that branch of industry; namely, exporting our cows to England—upon hearing the conclusion of the attorney-general, the court has ordered that, provisionally, and until necessary, steps are taken to preclude all sorts of French cows from being imported into this island from France, it is hereby forbidden, after the 10th of March next, to any person to import from France, or elsewhere, any heifer, of what kind soever it may be, under penalty of confiscation of the same, and a fine at discretion of justice, not exceeding £10 sterling per heifer so brought into the island; as well to be paid by the master of the vessel bringing the same, as

by the owner of the heifer so brought, or, in default, thereof, by person in possession of the same. And all masters of vessels, or boats, bringing cattle from France shall be bound to render an account thereof, within 24 hours after their arrival, to the constable where the cattle are so landed, as well as to furnish a list of those who are the proprietors, as well as of those to whom the respective cattle are consigned, under a penalty of a fine, at the discretion of justice, not exceeding £5 sterling. And the constables are hereby ordered to keep a register of the cattle so landed in their respective parishes; and all the fines shall be applied, one-fourth to his Majesty, one-fourth to the poor, and half to the informer.

“(Signed) CHARLES LE FEBVRE,
“Depute Greffier du Roi.”

In Youatt's book, "Cattle, Their Breed, Management, and Diseases," published in 1834, on page 266, under the heading "Foreign Breeds of Cattle," we read as follows:

"First among them—and a regular importation of which is kept up—we have the Normandy, or Alderney cattle. The Normandy cattle are imported from the French continent, and are larger and have a superior tendency to fatten; and others are from the islands on the French coast; but all of them, whether from the continent or the islands, pass under the common name of Alderneys.

"Except in Hampshire, they are found only in gentlemen's parks and pleasure-grounds, and they maintain their occupancy there partly on account of the richness of their milk, and the great quantity of butter which it yields, but more from the diminutive size of the animals. Their real ugliness is passed over on these accounts; and it is thought fashionable that the view from the breakfast or drawing room of the house should present an Alderney cow or two grazing at a little distance.

"John Lawrence describes them as 'light red, yellow, dun or fawn-coloured; short, wild-horned, deer-necked, thin and small-boned, irregularly but often very awkwardly shaped.'

"Mr. Parkinson, who seems to have a determined prejudice against them, says that 'their size is small, and they are of as bad a form as can possibly be described; the bellies of many of them are four-fifths of their weight; the neck is very thin and hollow; the shoulder stands up, and is the highest part; they are hollow and narrow behind the shoulders; the chine is nearly without flesh; the hucks are narrow and sharp at the ends; the rump is short, and they are narrow and light in the brisket.' This is about as bad a form as can possibly be described, and the picture is very little exaggerated, when the animal is analyzed point by point; yet all these defects are so put together as to make a not displeasing whole.

"The Alderney, considering its voracious appetite—for it devours almost as much as a Shorthorn—yields very little milk. That milk, however, is of an extraordinarily excellent quality and gives more butter than can be obtained from the milk of any other cow. Of this no one can doubt who has possessed any Alderney cows. Some writers on agricultural subjects have, however, denied it. The milk of the Alderney cow fits her for the situation in which she is usually placed, and where the excellence of the article is regarded, and not the expense: but it is not rich enough, yielding the small quantity

that she does, to pay for what she costs. On the coast of Hampshire there is great facility in obtaining the Alderney cattle, and they are great favourites there. We must refer our readers to the 'Description of Hampshire,' page 215, for the manner in which they have established themselves in that part of the country, and the various ways in which other breeds have been crossed by them.

"One excellence, it must be acknowledged, that the Alderneys possess: when they are dried, they fatten with a rapidity that would be scarcely thought possible from their gaunt appearance, and their want of almost every grazing point, while living. The Duke of Bedford exhibited a French ox at the Smithfield cattle show, in 1802, whose four quarters weighed 95 stone 3 pounds and the fat 17 stones 3 pounds, Smithfield weight."

On page 215, under "Cattle in Hampshire," Youatt says:

"Hither also the Longhorns penetrated, and were the prevailing breed, but they may be said to have perfectly disappeared. They have given way to the Devons, and indeed to breeds of every sort, and, more particularly near the coast, to the Alderney, or smaller breed of Norman cows. About Southampton, the Alderney is the prevalent breed. * * * There are many facilities for obtaining her from the contiguous islands of Guernsey and Jersey. In this part of the county the Alderney has been crossed with the forest breed, and also with the Suffolk. The forester has improved, and the Norman deteriorated in consequence of the first cross, and the second has been attended with doubtful success. Next to the Alderneys, the Suffolks are most in favour on the coast of Hampshire.

"Mr. Gawler, in his 'Report of a North Hampshire Farm' (Farmer's Series, No. VII., page 15), states that 'the stock in general best adapted to this soil are the Alderney, and the smaller race of Norman cows. The Devonshire and larger breeds require richer pasture; and, although they may be kept in condition, the milk they give is by no means in proportion to the bulk of food they consume. Mr. Gawler's dairy stock was in the proportion of one cow of the Devonshire breed to three of the Alderney or Norman, and the milk was mixed on the presumption that, being thus diluted, it produced better butter, and a larger quantity of it.'

"Sir Richard Simeon has favoured us with a description of the cattle in the Isle of Wight. They are a small mixed kind without any of those peculiarities which would mark them as distinct breeds. Scarcely any oxen are bred from them. Cow calves are saved for the purpose of keeping up the dairy, invariably from the best milkers, and not with any view to their aptitude to fatten.

"The dairy stock has been occasionally mixed with the Guernseys or Alderney cattle, and with success so far as the quantity and quality of milk go. Some attempts have been made to introduce the Shorthorns, and in some instances the cattle of the island have been improved in size and appearance; but, looking to the general capabilities of the island for the maintenance of large stock, and fitting them for the purpose of the butcher, it may be doubtful whether the smaller and rougher kind of cattle may not be a safer description of stock, and likely to produce a better result to the farmer. The Alderney is a favorite breed. A cross between the Devon has produced some very good cows here, well adapted for the dairy, and not unprofitable for the butcher.

"The difference, too, between the Jersey and the Guernsey has become very much more marked of late years, both in size and colour, and particularly of the head, horns, and nose. The Jersey is the smaller animal, finer in its limbs, neater in its frame, and more thoroughbred looking in its appearance. The eye is bright, black, often with a white rim, and the muzzle intensely black, also with a light-coloured rim round it. This is one of the most striking differences between the Jersey and Guernsey, the latter having usually a flesh-coloured or stained nose, and a lightish yellow and white body, being also larger of stature and coarser of limb. The yield of milk, too, is larger in the Guernsey, yet there is little, if any, difference in the yield of butter; indeed, some contend that the Jersey will yield more butter and is a smaller consumer of food. Be this as it may, there is no question as to the Guernsey giving the larger yield of milk; and when large yields are spoken of as coming from an Alderney cow, it is more often found to be from a Guernsey than a Jersey. Guernsey cows have occasionally been taken into Jersey; but crosses between the breeds have not been successful; the yellow colour and pink nose usually crop up in the offspring, which retains a coarseness at once detected and rejected by the island judges."

The following notes, taken from Vol. I of the Herd Register of the American Jersey Cattle Club, published in 1872, will be of interest:

"The Alderney cow has been held in high repute as a producer of cream and butter ever since the days when Tabitha Bramble wrote, in 1771, to Mrs. Gwyllim, housekeeper at Brambleton Hall: 'I am astonished that Mr. Lewis should take upon him to give away Alderney without my privy and currants. * * * Alderney gave four gallons a day ever since the calf was sent to the market.'"

In 1844 Col. Le Couteur, the Queen's Aide-de-Camp in Jersey, contributed to the Royal Agricultural Society of England an essay on "The Jersey, misnamed Alderney, Cow," which is here copied, nearly entire, from the Society's Journal, Vol. V., page 43.

"The breed of cattle familiarly known throughout Great Britain as the Alderney, and correctly termed, in the article 'Cattle,' of the 'Library of Useful Knowledge,' 'the crumpled horned,' was originally Norman, it is conceived, as cows very similar to them in form and color are to be seen in various parts of Normandy, and Brittany also; but the difference in their milking and creaming qualities is really astonishing, the Jersey cow producing nearly double the quantity of butter.

"The race is miscalled 'Alderney' as far as Jersey is in question: for, about 70 years since, Mr. Dumaresq, of St. Peter's, afterwards the chief magistrate, sent some of the best Jersey cows to his father-in-law, the then proprietor of Alderney; so that the Jersey was, already at that period, an improved, and superior to the Alderney, race. It has since been vastly amended in form, and generally so in various qualities, though the best of those recorded at that period gave as much milk and butter as the best may do now.

"Ten years have elapsed since the attempt was first made by fixed rules to improve the form and quality of the Jersey cow. A few gentlemen, presided over by the then lieutenant-governor, Major-General Thornton, selected two beautiful cows, with the best qualities, as models. One of these was held to be perfect in her barrel and fore-quarters, the other equally so in her hind-quarters. From these two the following points were laid down to be the rule for governing the judges in all the cattle shows of the Jersey Agricultural Society."

The scale of points referred to will be found in Chapter III.

A large part of Col. Le Couteur's report can be found in Vol. I of the herd book of the American Jersey Cattle Club.

The following letter, received from Col. Le Couteur in response to enquiries by the American Jersey Cattle Club, will also be of interest:

"Belle Vue, Jersey, Sept. 14, 1869.

"Dear Sir:—I fear that my absence from Jersey will render this letter of no avail to you for the publication of your Jersey Herd Book, spoken of in your letter to me of the 30th of June, last.

"I have only experience to add to anything I may have written in my essay on the Jersey cow in the Journal of the Royal Agricultural Society of England in 1844, which has reappeared in the Transactions of the New York State Agricultural Society of 1850.

"Our farmers have not the singular variety of ideas as to the appearance and character of our breed which you describe to prevail among the members of your club. Our breed is believed to be a local pure breed, its original milking and butyraceous qualities having been improved, more than three-quarters of a century back, by carefully crossing in the line: in that view, then, without much regard to beauty of form. Later, since the formation of our present society, of which I was the first honorary secretary in 1834, great attention has been constantly paid to combine beauty of form with butter-producing habits.

"The outline history of our breed is this: In the year 1789 the Jersey cow was already considered so good, so superior to any then known, I imagine, that an act of our local legislature (which for such ends is quite independent of the British Parliament) was passed, by which the importation into Jersey of cow, heifer, calf or bull was prohibited, under the penalty of 200 livres, with the forfeiture of boat and tackle, besides a fine of 50 livres to be imposed on every sailor on board who did not inform of the attempt at importation. Moreover, the animal was decreed to be immediately slaughtered, and its flesh given to the poor. Later laws are equally stringent; no foreign horned cattle are ever allowed to come to Jersey but as butcher's meat.

"Guernsey cattle are not deemed foreign, but there are scarcely ever a dozen of that breed in our island. They are of larger bone and carcass, considered to be coarse, though famous milkers, requiring much more food than the Jersey. Our judges at our cattle shows have discarded both them and their progeny.

"Those enterprising American farmers who have visited Jersey

and have found a marked difference to exist between the cattle of the eastern district and those of the western district, being cursory visitors, may not have been aware of what I am to state. I believe the type to be the same. The difference in appearance is thus accounted for: The north and northwest coast of Jersey is high and precipitous, a bold syenite rock, rising 200 and more feet from the level of the sea. Its nearest shelter in a westerly or southwesterly direction is the island of Newfoundland, on the British-American shore. Southwest gales prevail here nine months out of the 12. While I am writing a hurricane from the southwest has burst over us and burned all the exposed trees like a flame; it has ruined scores of orchards and gardens, leveled many trees, leaving the pastures like damaged hay. Hence this elevated coast has usually a short, scant, rich, nutritious herbage, from being so frequently saturated with saline moisture. Thus the cattle on this side are small, fine-limbed, and hardy.

"The southward half of Jersey may be called an inclined plane, gradually and beautifully slanting to the sea-shore, watered by innumerable streams. A part of it is a rich alluvial soil and meadow land so sheltered and warmed as to produce fruit and vegetables a fortnight or three weeks sooner than in my neighborhood. The cattle of this district are, consequently, fed on a richer pasture. They are larger in carcass, some think handsomer, than those of the upland. I consider them to be more delicate.

"The late Earl Spencer, and former president of the Royal Agricultural Society of England, an able and worthy contemporary of Bates, Booth and other noted Shorthorn breeders, had a fine little herd of Jerseys. When on a visit to him at Althorp, in 1839, he strongly advised me to recommend our farmers never to venture on a foreign cross, nor with Shorthorns or Devons; merely to cross the cows of the low, rich pastures with the hardy bulls of the exposed northern coasts, and vice versa. We had established a character in our cows for creaming and milking habits peculiar to our crumpled-horned race to hold to, by which means alone our breed might continue as renowned in the next century as it has been in the present one. Many have held to that sound advice.

"I shall be much honoured by receiving a copy of your Jersey Herd book, and shall, moreover, feel much gratified if what I have written shall prove interesting or useful to you. Believe me to be,

"Very truly yours,

(Signed) "J. LE COUTEUR.

"To Col. Geo. E. Waring Jr., Secretary, etc."

The following extract, also taken from the American Jersey Cattle Club Field Book, Vol. I, written by Dr. L. H. Twaddell, who visited the Channel Islands, in 1865, will be of interest:

"Three thousand Jersey cows and heifers and about 1,200 Guernseys are exported from the islands every year.

"The Jersey cow is of a medium size. Her peculiar, deer-like aspect distinguishes her from the Guernsey. Her head is long and slender, the muzzle fine, and usually encircled with a lighter color; the nose is black, and the large, dreamy eyes encircled with a black band; occasionally the nose is of a buff color, when there is a cor-

responding buff band around the eye; the horns are usually short, small at the base, tapering, and tipped with black.

"The Jerseys are of all shades of color, from a pale yellow fawn, running through all the intermediate hues, even occasionally to a red, an intermixture of black or gray, known as French gray, and that merging into black with an amber-colored band along the back, the muzzle invariably shaded with a lighter color; and individuals are often seen black and white, or pure black, unrelieved by any other color.

"A yellow brindle is sometimes seen, but this is by no means a favorite.

"The bulls are slaughtered at three years old; the opinion prevails there that the offspring of young bulls have most vigor and stamina.

"The Guernsey is a larger animal, coarser in the head and heavier in bone; the horns are longer and thicker at the base, not usually crumpled; the rump is more apt to assume that peculiar droop which seems a characteristic of the breed, and there is a want of that symmetry and neatness of form that mark the highly bred Jersey, but as a dairy cow she is fully her equal; for quality of milk and butter she cannot be excelled; the skin is of a splendid, rich, yellow hue, and the udder and teats are tinted with chrome.

"The head of the Guernsey is larger, the muzzle broader, and the eye not so prominent as the Jersey; the nose is usually of a rich yellow or buff; the eye banded with the same color.

"The colors of the Guernsey are fawn, running through the various shades to a deep red, an amber brown and a peculiar yellow brindle, which is a favorite here.

"Although larger than the Jersey, I do not think they fatten quite as kindly as the latter, which has the advantage of a smoother and more rotund form.

"This thinness and want of condition may be owing in a great degree to the fact that the pasturage is less luxuriant in Guernsey, and also that the Guernseymen are less solicitous about the figure and style of their animals, being satisfied if the animal is a performer at the pail—where she seldom disappoints.

"The cattle of the Island of Alderney (which is the third in size of the Channel group) have a want of uniformity, attributable to the fact that they are the offspring of stock brought from Jersey and Guernsey, crossed and re-crossed until all individuality as a breed is lost.

"Some are neat and deer-like; others are larger and heavier, approaching the Guernsey type.

"The island being small and rocky, the pasturage scanty, very few cattle are bred, and, as a consequence, the breed does not receive the care and attention that is given on the other islands.

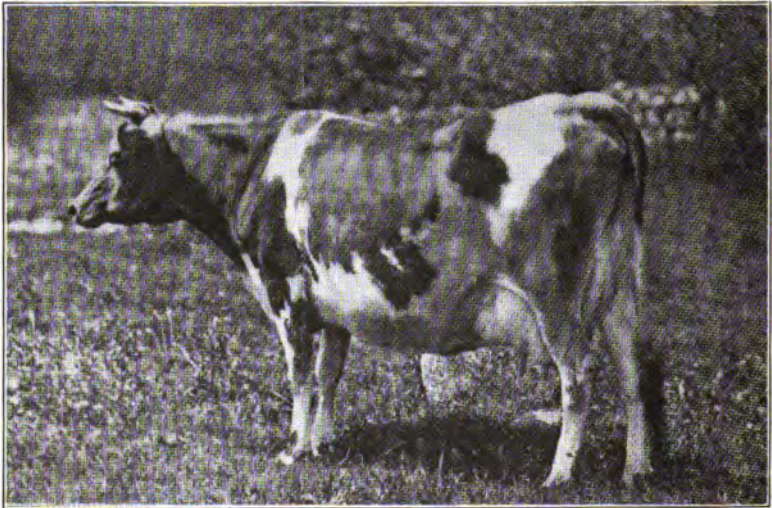
"It is as a dairy animal that the Channel Islands cow puts forth her claim for consideration."

The following quotation is from the same source:

"The early importations of Jersey cattle into this country are most difficult to trace. The animals were then called Alderneys, and the same name was given to Guernsey cattle of which a goodly number were brought over, and they seem to have been inter-bred somewhat indiscriminately.

"In September, 1840, three Alderney cows were purchased by the late Nicholas Biddle. They were imported from the Island of Guernsey and brought to the port of New York in the schooner Pilot, Captain Beleir. They turned out to be remarkably fine animals. This stock crossed by later importations, is maintained in its purity at Andalusia, Bucks county, Pa., the country seat of Mr. Biddle, and still in possession of his family.

"The earlier importations made by R. L. Colt, of Paterson, N. J., were of Guernsey animals, or at least there were Guernsey animals among them. About 15 years ago he became satisfied of the superiority of the Jersey stock and disposed of his Guernseys and made fresh importations. It has been alleged that the importations made by Mr. Cushing, of Watertown, Mass., were in part Guernseys; but this has been authoritatively denied, and the Cushing herd has been proven to be of pure Jersey stock. The Guernsey animals in these earlier importations have been a source of great annoyance to the committee in passing upon animals offered for entry. In many instances fine animals, carefully bred, and believed by their owners



Jersey Belle of Scituate 7828, A. J. C. C.—25 lbs. 3 oz. butter in seven days, 705 lbs. in a year. This picture illustrates the striking resemblance between early Guernsey and Jersey cows. She was noted for her particularly yellow butter, which would again liken her to the Guernsey.

to be pure Jersey have had to be rejected because remotely tracing to the Biddle or the earlier Cushing importations. Their rejection was, of course, no criticism on their quality."

All of these quotations go to prove that the marked difference between the Guernsey and Jersey of today is largely due to their improvement along somewhat different lines since

1870. It is very evident also that but slight attention was paid by the farmers of the islands to differences in the cattle from another of the islands. In searching for information that would throw light upon the time when a distinction began to be drawn between the two breeds I was reminded of the story told of an old woman who, when she heard some Daughters of the American Revolution talking about their pedigrees, said: "There's a whole lot of people who had better not study their pedigrees: they may find something that they do not want to know." But it is very evident that, while, as a matter of local pride, there was not an extensive admixture of the cattle from one island to the other, and, while there were laws prohibiting the importation of foreign cattle, the cattle of any one of the Channel Islands were not considered foreign on any of the other islands.



Black and white cow on Alderney.

I have found plenty of references to the taking of cattle from both Guernsey and Jersey to Alderney and from both Guernsey and Alderney to Jersey, and, while I do not find any direct reference to the taking of cattle from Jersey to Guernsey, it is very certain, from the color of many of the cattle on the Island of Guernsey, that there must have been an admixture of Jersey blood not many generations ago. As

recent as 1913 I saw in Guernsey two registered cows, both daughters of the well known Fanny's Sequel, that were Jersey in type and were solid, dingy black with black noses and tails. Plenty of Jersey cows also show the Guernsey type of color so plainly that, even if no more positive evidence were available, no one could reasonably doubt for a moment that there had been in comparatively recent years an exchange of cattle from one island to another and that, within a century, and probably within 60 or 70 years, the islanders themselves considered the cattle of the different islands one and the same breed.

In 1871 there was held on the Island of Jersey a Channel Islands Exposition, and a few cattle were taken over from Guernsey to Jersey for that show. P. Mahy, of the Landes du Marche, Vale, took over the bull Fair Lad 7, F. S., the bull that won the Prix Douglas at the Whitsuntide Show, Guernsey, that year. He was awarded first prize in the Guernsey class at the exposition. Mr. Nicholle, a breeder of Jersey, was so impressed with the opportunity he saw to improve the cattle on that island that he tried to induce Mr. Mahy to leave Fair Lad on that island for two months, offering to keep the bull free of charge and to pay £1 per cow service fee. This Mr. Mahy refused to do. This statement is vouched



A typical Normandy cow. The blood of Norman cattle of the brindle variety is one source from which the Guernsey has been formed.



Cows as they are tethered in Normandy.

for by T. H. Mahy, a son of P. Mahy, who himself cared for the bull and showed him on Jersey at the exposition.

T. H. Mahy is now a breeder of the well known Bel Air family. It is of interest here to note also that with the bull, Fair Lad, he showed the heifer, Queen of the Field, which he tells me was one of the first animals of the now well known Jessie family.

I have been told many times that the present cattle of Normandy were very similar in color and form to the Jerseys, but on a visit in 1912 to the northern part of Normandy in the vicinity of Cherbourg I saw no cattle that in form or color looked like Guernseys. They were larger, coarser, and nearly all black or brown in color, with white heads. The accompanying illustrations are of typical cows as I saw them in that district, and of a herd tethered in the fields.

There is a celebrated painting in the Tate Gallery, London, done in 1820 by the well known English animal painter, James Ward, 1769-1859, that is deserving of our study. The picture is called "Protection," and is now labeled "An Alderney Bull, Cow and Calf." The bull is decidedly brindle and spotted with white, with a white, spotted face and black nose. The cow is yellow in color, one-half to two-thirds white, and a buff nose. The calf is white with quite a black, mottled nose. The cow has medium large teats. Both have

medium, up-standing horns, and the bull is very heavy in the shoulders and light in the hind quarters.

There are numerous other pictures in existence, 80 to 125 years old, purporting to represent so-called Alderney cows, these show animals varying in color from light yellow through shades of fawn, brown, and brindle to black. This is additional proof that there was, only a few years ago, much less difference in the breeds of cattle on the several islands than writers have ordinarily led us to believe. We are reminded, too, that cattle in a particular district will vary greatly in color in a few generations.

There are several pictures in the National Gallery, London, by the Holland artist, Guyp, a celebrated artist of the 15th century. Certain animals in several different pictures of his show a similarity that suggests they were all painted from a sketch he has made of a cow in the field. Several animals represented are fawn, or fawn and white, or brown and white. Their colors and form would indicate that they were similar to the cattle of the Channel Islands as seen in the earliest pictures and descriptions that we have of them. This means, if it means anything, that the cattle of Holland and the Channel Islands had probably a common origin not many centuries ago.

The question of the origin of the breed is not nearly so



Fascination 2d 4665, P. S. Dam of two A. R. cows and one A. R. bull.

interesting and important as the question of the men who first conceived the idea of breeding and developing a strain of cattle to produce milk, cream and butter of a golden yellow color, which we find most highly emphasized in the Guernsey, and which appears to a more limited extent in the Jersey.

It is very evident from the scale of points to be given in Chapter III, that the yellow skin which denotes highly colored produce, was prized as early as 1850. Just when the islanders began to prize this trait and when particular measures were used to preserve and improve it are unknown.

CHAPTER III.

Development of the Breed on the Island The Island Scale of Points

The real development of the breed on the Island, as far as we have any history of it, dates from the passage of the laws against the importation of foreign cattle quoted in Chapter II. The figures giving the number of animals exported during different periods of time show that nearly a century ago the Guernsey farmer had a lucrative cattle trade with England. As the English buyer demanded an animal with a more finished form, the records show that as early as 1830 a scale of points had already been drawn up with the end in view of making the breed more symmetrical. It was used as a basis of comparison for awarding the prizes at the various shows.

The records also inform us that as early as 1830 the Guernsey farmers talked of a cow that would give 15 pounds of butter in a week; so it is evident that she was considered most from a dairy standpoint all through the years of her development, but, nevertheless, some attention was paid to the beef quality of the breed, especially of the bullocks.

Jeremie, writing about 1828, says: "There are certain points of excellence which receive the reward. The following points are the standard by which the judges determine:

	Points
"1. Pedigree as well of the bull as of the cow, yellow ears, tail, and good udder	7
"2. General appearance, handsome color, cream, light red, or both mixed with white	3
"3. Handsome head, well horned, and bright and prominent eye..	4
"4. Deep barrel-shaped body	3
"5. Good hind quarter and straight back	2
"6. Handsome legs and small bone	1
<hr/>	
"Total good, or points of excellence	20"

In the report of the Royal Agricultural Society of Guernsey, published in 1842, plans are given for the promotion of the agricultural and live stock interests of the island, by the following scales of points for the scoring of bulls and cows:

Scale for Examining Bulls.

- | | |
|--|---|
| 1. Pedigree of father and mother known to be superior and a good butter producer | 4 |
|--|---|

	Points
2. Head well-shaped and small; small jaw; small nose, circled with white, large and distended nostrils; polished horns, a little rounded and pointed with black, not too large at the base; small ears, orange color inside; bright, large eye.....	8
3. Neck slender and well placed on the shoulders, large chest, body round and broad, with the sides rounded up to haunches.	3
4. The back from the shoulders to the tail in a straight line, forming a right angle with the tail; a slender tail.....	3
5. The skin fine and soft, well covered with fine, soft hair of an approved color	3
6. The fore legs straight, short, well shaped and strong, large above the knees and slender below	2
7. The hind quarters from the flank to the back, long and well rounded. The back legs should not cross in walking.....	2
8. Development	2
9. General appearance	1
Perfection	28

No prize shall be given to a bull having less than 20 points.

Scale for Examining Heifers and Cows.

1. Pedigree known to be fine, giving rich, yellow butter.....	4
2. Head small; a large, alert eye; small nose with a circle of white, or yellow if the animal is black; polished horns, a little curved in, pointed with black; small ears, orange colored inside	8
3. The back from the shoulders to the point of the back at right angles to the tail, broad chest up to the line of the stomach....	4
4. Fine, soft skin, well covered with soft and short hair of a good color	2
5. Sides well rounded, the flanks small, having little space between sides and haunches. Tail slender.....	3
6. Forelegs straight and well shaped. Hind legs long and well shaped; wide above the joint and narrow below. The hoofs small; the hind legs must not cross when walking.....	2
7. Bag, large and well placed. The teats large, squarely placed and well separated. The veins large and well marked.....	4
8. Development	1
9. General appearance	2

Perfection for cows and heifers 30

Two points will be deducted from those required by the scale for heifers, seeing that the milk veins are not so well pronounced. Thus a heifer will be counted at 28 points.

The following quotation from the Agricultural Survey of Jersey, No. 3, page 308, written by Col. Le Couteur and published between 1830 and 1840, is of interest as showing what was being done along the same lines in Jersey at this time:

"Another most important benefit conferred on the island by the Agricultural and Horticultural Society has been the decided improve-

ment in the form of the cattle. The peculiar defect of the Jersey or Alderney breed, which is the same, or nearly so, Mr. Dumaresq of St. Peter Port, more than half a century since having sent some (A. D. 1780) handsome stock from Jersey to the then Governor of Alderney, his father-in-law, to improve the Alderney breed in the hind quarters, which are narrow and fall off from the straight line near the tail, or cat hammed; but since the introduction of points, which I may be pardoned for stating here, the defect has strikingly disappeared, and the beauty and value of the cattle proportionately increased.

Scale of Points for Cows and Heifers.

	Points
"1. Bred on male and female sides reputed for producing rich and yellow butter	3
"2. Head small, fine and tapering. Eye full and lively. Muzzle fine and encircled with white; horns polished, and little crumpled, tipped with black; ears small, with an orange color within	8
"3. Back, straight from the withers to the setting of the tail. Chest deep and nearly of a line with belly	4
"4. Hide, thin, movable, but not too loose, well covered with fine and soft hair of good color	2
"5. Barrel, hooped and deep, well ribbed but having little space between ribs and hips. Tail, fine, hanging two inches below the hock	3
"6. Fore legs, straight and fine. Thighs, full and long, close together when viewed from behind. Hind legs, short and bones rather fine. Hoof, small. Hind legs not to cross in walking	2
"7. Udder, full and well up behind. Teats, large and squarely placed wide apart. Milk veins large and swelling	4
"Perfection for cows	26

"Two points should be deducted from the number required for perfection for heifers as their udder and milk veins cannot be fully developed. A heifer shall be considered perfect at 25 points.

"No prize should be awarded to cows and heifers having less than 21 points.

"Three more points are recommended to be added for general appearance, size, and condition, which will yet increase the merits of the cows. The chief advantages in specifying points have been to make the farmers perceive what were the defects in their own cows, and to constitute most of them as good judges as the cattle dealers themselves."

These early scales of points were doubtless revised from time to time. In 1882 the following scale for cows only was published in Vol. 1 of the herd book of the Royal Guernsey Agricultural Society:

1. Registered pedigree	6
2. Head rather long and fine, with quiet and gentle expression..	3
3. Cheek small, throat clean	4
4. Muzzle broad, nostrils wide and open	4

	Points
5. Horns slightly curved inward, not coarse, glassy yellow at base	4
6. Ears small and deep, orange color within	5
7. Eye large and placid	3
8. Neck straight, fine, lightly set on shoulders	3
9. Withers fine, shoulders flat, chest broad and deep	4
10. Barrel round and deep at flank, well ribbed up	4
11. Back level from the withers to the setting on of the tail	4
12. Hips and loins broad and wide apart, not too fine bone	3
13. Rump long, broad and level	3
14. Tail long and thin, reaching down to the hocks	3
15. Skin deep yellow on end of tail, on udder, teats and body generally	8
16. Skin soft and flexible, well covered with fine soft hair	5
17. Legs not too long, with hocks well apart in walking, hoofs small	3
18. Arms full and swelling above the knee	3
19. Milk veins very prominent	5
20. Udder full in front, large but not fleshy	6
21. Udder full and well up behind	5
22. Udder-teats moderately large, yellow, of equal size, wide apart, and squarely placed	6
23. General appearance	6
Total	100

It is fair to assume that the above scale was in use for many years, for in Vol. 2, of the herd book, 1883, the following revised scale was published:

Ratio Scale of Points for Bulls.

1. Registered pedigree	6
2. Head handsome, fine and tapering, forehead broad	5
3. Cheek small	2
4. Throat clean	2
5. Muzzle broad, nostrils white, wide and open, and encircled with white	4
6. Horns slightly curved inward, not coarse, glossy at base	4
7. Ears small and thin, and deep orange color within	5
8. Eye bright and large	4
9. Neck powerful, arched and lightly set	5
10. Withers fine, shoulders flat, chest broad and deep	4
11. Barrel round, deep and well ribbed up	5
12. Back straight from withers to setting on of tail	5
13. Hips and loins broad, and wide apart, not too fine bone	3
14. Rump long, broad and level	3
15. Tail long and thin, reaching the hocks	2
16. Skin, deep yellow on end of tail, at base of horn, and body generally	5
17. Skin soft and flexible, well covered with soft, fine hair	4
18. Color of hair, red and white	5
19. Legs, short; straight hoofs, fine and small	4
20. Arms, full and swelling above the knees	3

	Points
21. Hind quarters, from hock to joint of rump, long, wide apart and well filled up; hind legs, not to cross in walking.....	6
22. Nipples to be squarely placed and wide apart.....	5
23. Growth	4
24. General appearance	5

Perfection 100

No prize shall be awarded to any bull scoring less than 70 points.

Ratio Scale of Points for Judging Cows and Heifers.

	Points
1. Registered pedigree	6
2. Head rather long and fine, with quiet and gentle expression.	3
3. Cheeks small, throat clean	3
4. Muzzle broad, nostrils white, wide and open	4
5. Horns slightly curved inward, not coarse, glassy yellow at base	4
6. Ears small and deep, orange color within	4
7. Eye bright and large	3
8. Neck straight, fine, lightly set on shoulders	3
9. Withers fine, shoulders flat, chest broad and deep	4
10. Barrel round and deep at flank, well ribbed	4
11. Back level from the withers to the setting on of the tail....	4
12. Hips and loins broad and wide apart, not too fine bone.....	3
13. Rump long, broad and level	3
14. Tail long and thin, reaching down to the hocks	3
15. Skin deep yellow on end of tail, on udder, teats and body generally	6
16. Skin soft and flexible, well covered with soft, fine hair, red and white	7
17. Arms full and swelling above the knee, legs short with small hoofs	3
18. Hind legs not too long, not to cross or sweep in walking; hoofs small	3
19. Milk veins very prominent	5
20. Udder full in front, large but not fleshy	5
21. Udder full and well up behind	5
22. Udder teats moderately large, yellow, of equal size, wide apart and squarely placed	5
23. Growth	4
24. General appearance	5

Perfection 100

No prize shall be awarded to cows scoring less than 80 points.

No prize shall be awarded to heifers scoring less than 70 points.

The articles 19, 20, 21, 22 shall be deducted from the scale for judging heifers; a heifer will therefore be perfect at 80 points.

The scale of points in use on the Island of Guernsey for the last few years is as follows:

Rule 37—Scale of Points for Bulls.
Dairy Temperament Constitution—53.

	Points
Clean cut, lean face; strong, sinewy jaw; muzzle wide, buff color.	8
Neck masculine, not too short, with strong juncture to head; clean throat; withers fine; large spinal processes indicating good development of the spinal cord	6
Pelvis arching and wide; rump long; wide, strong structure of spine at setting on of tail, with good switch; thin thighs; hoofs small	6
Ribs amply and fully sprung and wide apart, giving an open, relaxed conformation, thin arching flank	5
Abdomen large and deep, with strong muscular and navel development, indicative of capacity and vitality	10
Hide thin, mellow and flexible to the touch, with an oily feeling; hair fine and silky, fawn or red, black or brindle, with or without white markings	9
Size	4
General appearance as shown by having a great deal of vigor, style, alertness and resolute appearance.....	5

Dairy Prepotency—20.

As exhibited by his dam, graddam, sister and offspring, if any; as also official butter tests, if any, from the above	20
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Rudimentaries, Milk Veins—12.

Rudimentary teats of fair size, squarely placed in front of and free from scrotum; milk veins prominent	12
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Indicating Color of Milk in Offspring—15.

Skin deep yellow in ear, on end of bone of tail and body generally	15
Total	100

Rule 38—Scale of Points for Cows.

Dairy Temperament Constitution—49.

Clean cut, lean face; strong sinewy jaw; muzzle wide, buff color, with wide open nostrils; full, bright eye with quiet, gentle expression; forehead long and broad; horns slightly incurved inwards, not coarse and amber colored at base	8
Long, thin neck with strong juncture to head; clean throat, backbone rising well between shoulder blades; large spinal processes, indicating good development of the spinal cord....	6
Pelvis arching and wide; rump long; wide, strong structure of spine at setting on of tail; long, thin tail with good switch, thin, incurving thighs; legs short; hoofs small	6
Ribs amply and fully sprung and wide apart, giving an open relaxed conformation; thin, arching flank	5
Abdomen large and deep, with strong muscular and navel development, indicative of capacity and vitality	15
Hide thin, mellow and flexible to the touch, with an oily feeling; hair fine and silky, fawn or red, black or brindle, with or without white markings	5
Size	4

Milking Marks Denoting Quality of Flow—12.

	Points
Escutcheon wide on thighs; high and broad with thigh ovals.....	2
Milk veins long, tortuous, branching with large and deep fountains	10

Udder Formation—24.

Udder full in front	6
Udder full and well up behind'	6
Udder of large size and capacity; elastic and not fleshy.....	6
Teats well apart, squarely placed of good, even size	6

Indicating Color of Milk—15.

Skin deep yellow in ear, end of bone of tail, on udder, teats and body generally	15
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Total 100

The color of the nose in no way denotes intrinsic merit in the animal, nor does it denote impurity of breed. The buff nose is fashionable in the show ring, but it is safe to say that this fashion has not been helpful to the Guernsey breed. As in the past, it is well known that many of the brindles and dark cows have been among the very best animals.



Cattle being loaded for exportation, Guernsey.

From 1881 to 1886 there was an excellent demand for cattle to be brought to America, but following that there was a period of great depression on the islands, for, from the year 1899 to 1903, only 800 pedigree cows were registered. In the introduction to Vol. XII. of the Herd Book published in 1903, the following is offered by way of explanation:

"Cultivation under glass, and the bulb culture have developed exceedingly within the last few years, and these, with the produce industry, have considerably encroached on the land area of the island, already too limited. Consequently, it is not surprising that the stable has been neglected and the breeding interest has suffered for a time. We say 'for a time' advisedly, for, as we have pointed out, there are hopeful signs of a sound and beneficial revival in the breeding interest. No doubt this is due in a measure also to the fact which experience has taught, the comparative certainty in breeding against the always existing uncertainty of glass or market produce, as well as the uncertain fluctuations in market prices."



Churning.

Since that time, however, the glass-house industry has increased from year to year, and at the same time there are more cattle on the island now than ever before. Commencing with the year 1904, exportation to America began to increase and there has been a steady growth until the present, when from 600 to 1,000 animals are now exported each year.

The cattle on the island are kept mostly in herds of from three to six cows, though at the present time two or three

breeders have each as many as 50 or 60 head, young and old, and H. M. Ozanne, of Lilyvale, at one time had upward of 100 head.

The calves are taken from the cows when they are from a few hours to three or four days old, and are fed the new milk for two or three weeks. The fresh cows are nearly always milked three times a day and the calves are then fed three times a day. A few farmers have cream separators and thus have warm skimmed-milk to feed their calves. But most of them still follow the method that has evidently been in vogue for generations, of souring and churning the whole-milk. Then the calves are fed the butter-milk, which naturally is thinner than butter-milk from churned cream.

The calves are early tethered out-of-doors, and it is to this out-of-door life that we must seemingly attribute the health and vigor of the island cattle.

The butter is nearly all made into small, round prints and sold to private customers in St. Peter Port. It is also commonly on display in the public market, where it is usually offered for sale in prints of from one to one and one-half pounds, placed in the center of a large cabbage leaf. It was the butter thus displayed in the markets that first attracted the attention of visitors from England and America to the island's breed of cows. For some reason a marked difference may be noticed in the color of the butter from different herds of the island. Some farmers' wives always bring very yellow butter to market, while others offer a much paler product. Many who do not realize how dense the population of the island is often ask where the islanders market their butter, thinking that a large surplus must be shipped away. As a matter of fact, not nearly enough is produced for home consumption, for one may see displayed in the market windows butter from Jersey, France, England and Denmark, and not butter only but large quantities of margarine as well. The prevailing price of Guernsey butter is 50c per pound, while the imported butter sells for 5 or 10c less, the price of the latter fluctuating with the English market. Milk is sold at retail for 8c per quart.

It is instructive to go through the market building, where 30 or 40 stalls are used for the display and sale of meat, and observe the marked difference in the color of the fat of the local beef as compared with the beef imported from America and the Argentine.

A strange fact came to my notice at my last visit, that when butchers on Jersey slaughter an animal with particularly yellow fat they send the meat over to be sold in Guernsey. This bears out the oft-repeated assertion that often an individual Jersey will yield butter as yellow as that of any Guernsey. But this is not universal for the Jersey breed, whereas Guernsey butter is always yellow, and the Guernsey people have learned to prefer beef with yellow fat. They know that yellow fat is not an indication of an old animal, which is a popular misconception in our country. I have eaten some most excellent beef in Guernsey from native cattle. Many steers are fattened and butchered for the Christmas trade.

Contagious diseases have up to recent years been comparatively unknown in the Channel Islands. There was at least one serious outbreak of foot and mouth disease many years ago, but it was entirely stamped out and there has never been a recurrence of it.

No case of tuberculosis has ever been known among the cattle of Alderney and never a reaction to the tuberculin test from any of the several hundred head imported from there. The same was true of Guernsey up to a few years ago, and our government made an exception of the Channel Islands in the laws requiring that every animal coming into the country must pass the tuberculin test, either before shipment or before being released from quarantine on this side.

In 1905 or 1906, one or two cases of tuberculosis developed in American herds in animals that had been recently imported from Guernsey, and these were traced back to an island herd whose owner had secured special permission from the Royal Court of the island to allow him to take animals from his herd to England for exhibition purposes, a privilege that had been accorded other breeders. This special permission was required because of the law forbidding the return of any animal taken off the island. Our government at once applied the tuberculin test law to the cattle coming from Guernsey and Alderney, the same being in force until the spring of 1914, when Alderney cattle were again exempted from the test.

Before rigid measures were taken to stamp out the disease in Guernsey it had spread by sale of stock to several other herds of the island. Each succeeding year the authorities thought they had discovered the last case, but would find others in some new herd, every case being traced back to the cattle of the first diseased herd.

It is to be hoped that the authorities will shortly apply the tuberculin test to every animal on the island, and if this were done twice and disinfectants intelligently used, I think the disease could be entirely stamped out. I confidently expect to see the scourge again banished from Guernsey.

As far as I have been able to discover, there is no contagious abortion or other serious cattle disease aside from tuberculosis on the Channel Islands. This happy circumstance should continue, because of the isolation of the islands, together with the marked improvement in the care of cattle.

Records do not seem to tell when the first public shows were held on the island, but it was certainly as far back as 1842. The Royal Guernsey Agricultural and Horticultural



Alderney II 2215, P. S. King's Cup, Guernsey, 1910. Sire of nine A. R. cows.

Society have records of the animals winning at these shows since 1852. To this system of shows must be given a large part of the credit for the development of the breed along present lines of symmetry.

For this reason, even at the risk of making this book somewhat cumbersome, it seems appropriate to include the roll of prize winners at the island shows since 1878, the earliest date that the records of the society show the names of both animals and owners. In Vol. 1 of the Herd Book of this Society, issued in 1882, are the records of a few animals shown

in earlier years than 1878, and these names have been added to the list.

Bulls.

- Admiral Togo 318, F. S., 2d prize, June, 1906; 2d prize, September, 1906.
 Advantage 462, P. S., 1st prize, May, 1888; 1st prize, September, 1888; 3d prize, June, 1889.
 Alderney II 2215, P. S., 2d prize, May, 1910; King's cup, August, 1910; 4th prize, June, 1911; 4th prize, August, 1911; 3d prize, May, 1912; 2d prize, August, 1912; 3d prize, May, 1913.
 Alexander the Great 706, P. S., 4th prize, May, 1891; 2d prize, June, 1892.
 Amateur 662, P. S., 4th prize, September, 1890.
 Andrew I 21, F. S., 3d prize, June, 1881.
 Annatto 801, P. S., 3d prize, May, 1893; Queen's prize, August, 1894.
 Antoinette's Jewel 313, P. S., 3d prize, May, 1888.



Billy's France of the Isle 21183 (Billy's France II 2194, P. S.)

- Aquilon 177, F. S., 4th prize, September, 1882; 4th prize, May, 1883.
 Archibald 442, P. S., 1st prize, June, 1889.
 Avail 847, P. S., 3d prize, September, 1893; 4th prize, May, 1894.
 Barberton 1327, P. S., 4th prize, September, 1902; 2d prize, September, 1902.
 Barnam 201, F. S., 4th prize, September, 1883.
 Baron 813, P. S., 1st prize, May, 1893; 3d prize, May, 1894.
 Baron 90, F. S., 1st prize, September, 1866; 4th prize, June, 1867; 2d prize, June, 1868.
 Baronite 377, P. S., 2d prize, May, 1887.
 Baron Rothschild 57, F. S., 4th prize, May, 1872.
 Benges 930, P. S., 4th prize, June, 1895.
 Betty's France 1862, P. S., 4th prize, May, 1907.
 Betay's Pride of the Ponchez 3583, P. S., 3d prize, May, 1915; 3d prize, June, 1916.
 Bickleigh Chieftain 3742, P. S., 3d prize, June, 1916.
 Bijou's Star 1946, P. S., 2d prize, September, 1907; 1st prize, June, 1908.
 Billy 115, F. S., 3d prize, June, 1879; 3d prize, September, 1878.
 Billy 152, F. S., 4th prize, June, 1881.
 Billy I 4, F. S., 1st prize, May, 1870.
 Billy III 104, F. S., 3d prize, September, 1880; 3d prize, June, 1881.
 Billy May IV of the Masse 3515, 2d prize, May, 1915.

Billy's Fancy 2205, P. S., 4th prize, September, 1909.
 Billy's France II 2194, P. S., 2d prize, September, 1909.
 Bismark 145, F. S., 4th prize, May, 1880.
 Black Prince 431, P. S., 2d prize, September, 1888.
 Blucher 54, F. S., 2d prize, May, 1872; 3d prize, May, 1873.
 Bonapard 75, F. S., 2d prize, June, 1876.
 Bonny Laddie 468, P. S., 3d prize, May, 1888; 3d prize, September, 1888.
 Boreas of the Vauxhelets 3360, P. S., 4th prize (G. F. A.), 1914.
 Boxer II 1505, P. S., 3d prize, May, 1905.
 Brilliant of the Gree 2377, P. S., 3d prize, September, 1910; 2d prize, June, 1911; 3d prize, August, 1911; King's Cup, August, 1911; 4th prize (G. F. A.), 1912.
 Brilliant of the Gree II 2944, P. S., 1st prize (G. F. A.), 1912; 3d prize (G. F. A.), 1914.
 Buccaneer 50, F. S., 3d prize, May, 1872.
 Butter Girl's Brilliant 3494, P. S., 1st prize, May, 1915.
 Butter Lad of the Braye II 3020, P. S., 3d prize, August, 1913; 4th prize, June, 1914.
 Buxom 933, P. S., 4th prize, June, 1895.
 Calais 127, F. S., 2d prize, June, 1878.
 California 1173, P. S., 2d prize, May, 1899.
 Cardinal 82, F. S., 4th prize, September, 1876.
 Cato 137, F. S., 1st prize, May, 1880; 1st prize, June, 1881.



Clara's Sequel 2207, P. S. First prize, R. G. A. S., 1910-11-12. King's Cup, 1910.
 Sire of 13 A. R. cows.

Cavalier 700, P. S., 2d prize, May, 1891; 1st prize, September, 1891.
 Cecil 262, F. S., 3d prize, September, 1889.
 Challenge 1184, P. S., 1st prize, September, 1899.
 Champion 37, F. S., 1st prize, May, 1871; 1st prize (C. I. E. J.), 1871; 1st prize, May, 1872.
 Champion I, P. S., 3d prize, May, 1880.
 Champion II 130, F. S., 2d prize, September, 1881.
 Chancellor 1046, P. S., 4th prize, June, 1897.
 Charles II 46, F. S., 3d prize, September, 1868; 2d prize, May, 1869; 2d prize, June, 1870.
 Charley 147, F. S., 4th prize, September, 1881.
 Charley 125, F. S., 2d prize, June, 1879; 1st prize, May, 1880; 1st prize, September, 1880.
 Charmante's Governor II 3437, P. S., 3d prize, May, 1915.
 Clairvoyante's Sequel, 4th prize, September, 1910.
 Clairvoyante's Sequel III 3294, P. S., 4th prize, June, 1914.
 Clara's Sequel 2207, P. S., 3d prize, September, 1909; 1st prize, May, 1910;

King's Cup, August, 1910; 3d prize, June, 1911; 1st prize, August, 1911; 1st prize, May, 1912.

Claude 375, P. S., 2d prize, September, 1887; 3d prize, May, 1888; 2d prize, June, 1889.

Claudian 552, P. S., 1st prize, May, 1890; 3d prize, September, 1890.

Cleveland 284, F. S., 2d prize, May, 1894.

Climax 48, P. S., 1st prize, September, 1883; 1st prize, May, 1884.

Cock of the North 305, P. S., 2d prize, May, 1901.

Columbia 1185, P. S., 3d prize, May, 1901.

Compact 1076, P. S., 4th prize, May, 1899.

Compact of St. Leddards 3759, P. S., 2d prize, June, 1916.

Conde 134, F. S., 1st prize, September, 1881.

Consul 537, P. S., 3d prize, June, 1889.

Consul II 658, P. S., 3d prize, May, 1891.

Coronation King 1384, P. S., 1st prize, June, 1903.

Coronation King IV 1740, P. S., 4th prize, June, 1906.

Coronation King VI 1741, P. S., 4th prize, September, 1906.

Coronation Lad 1324, P. S., 2d prize, September, 1902.

Corsaire 59, F. S., 4th prize, May, 1871.

Counsellor 298, P. S., 3d prize, May, 1887.

Crown Prince of Orange 854, P. S., 2d prize, May, 1894.

Cumberland 67, F. S., 3d prize, May, 1877.

Dandy 126, F. S., 3d prize, September, 1879.

Draby 2256, P. S., 3d prize, May, 1910.

A.), Deane's Squire 2734, P. S., 4th prize, August, 1912; 4th prize (reserve) (G. F. A.), 1912; King's Cup, June, 1914.

Deanie's Jewel 1790, P. S., 3d prize, September, 1906.

Defence II 2152, P. S., 4th prize, June, 1909.

Defiance 1390, P. S., 3d prize, June, 1903; 1st prize, September, 1903.

Defiance 714, P. S., 3d prize, May, 1891.

Deputy 720, P. S., 1st prize, May, 1891; 2d prize, September, 1891.

Derby 64A, F. S., 4th prize, June, 1867.

Desire 3341, P. S., 2d prize (G. F. A.), 1914.

Diamond Stream 1042, P. S., 2d prize, June, 1897.

Domino 788, P. S., 1st prize, May, 1893; 2d prize, May, 1894.

Don Carlos 77, F. S., 3d prize, September, 1874; 2d prize, May, 1875.

Dr. Bill 81, F. S., 3d prize, September, 1874; 2d prize, May, 1875.

Druce's Franklin 7879, P. S., 4th prize, May, 1907.

Druce's Park Ranger 1991, P. S., 3d prize, June, 1908.

Duke I 74, F. S., 2d prize, May, 1887.

Duke of Argyle 44, F. S., 3d prize, May, 1872; 4th prize, June, 1873.

Duke of Havilland 1332, P. S., 3d prize, September, 1902.

Duke of Marlborough 477, P. S., 1st prize, September, 1889; 4th prize, May, 1891; Queen's prize, August, 1891.

Duke of Normandy 27, P. S., 3d prize, May, 1882.

Duke of Rutland 250, P. S., 3d prize, June, 1886.

Eldorado 1464, P. S., 3d prize, May, 1904.

Elegant 91, F. S., 4th prize, September, 1867.

Emblem of France II 3246, 3d prize, June, 1914; 2d prize (G. F. A.), 1914.

Emperor of Rose Farm 1982, P. S., 2d prize, June, 1908.

Esquire 1452, P. S., 2d prize, May, 1904.

Excelsior I 42, F. S., 3d prize, June, 1873; 2d prize, May, 1874; 1st prize, May, 1875.

Excelsior II 8, F. S., 3d prize, June, 1878.

Excelsior III 43, F. S., 3d prize, September, 1875; 1st prize, June, 1876; 1st prize, May, 1877.

Excelsior V 11, P. S., 2d prize, May, 1882.

Fair Lad 140, F. S., 4th prize, September, 1880.

Fair Lad 7, F. S., 2d prize, June, 1870; 1st prize, May, 1871; 1st prize (C. J. E. J.), 1871.

Fair Lad I 112, F. S., 1st prize, June, 1878; 4th prize, May, 1877.

Fair Lad of Barraas 1455, P. S., 1st prize, May, 1904.

Fair Lad of Calais 1257, P. S., 4th prize, May, 1901.

Fancy's Star 2352, P. S., 2d prize, September, 1910.

Farmer's Pride 157, F. S., 2d prize, May, 1883.

Fauquets 88, F. S., 4th prize, May, 1877.

Financier 1226, P. S., 1st prize, September, 1900; 1st prize, May, 1901.

Flora's Raymond 2914, P. S., 2d prize, August, 1912.

Flora's Sequel of Vimiera 2605, P. S., 2d prize, August, 1911.

Flora's Sequel of Vimiera II 2921, P. S., 1st prize, August, 1912; 2d prize (G. F. A.), 1912; 1st prize, May, 1913; Reserve, Silver Cup, May, 1913.

Forest 117, F. S., 3d prize, September, 1881.

Forester 38, F. S., 1st prize, June, 1867; 1st prize, June, 1868.
 Forest Glory 197, F. S., 4th prize, May, 1884.
 Franc III 296, P. S., 4th prize, August, 1912.
 France's Criterion 2917, P. S., 3d prize (G. F. A.), 1912; 4th prize, May, 1913.
 France's Jewel II 1065, P. S., 3d prize, May, 1898; 2d prize, May, 1899;
 Queen's prize, August, 1899; 4th prize, June, 1900.
 France's Jewel IV 1480, P. S., 2d prize, September, 1904; 2d prize, May, 1905.
 France's Jewel VIII 1757, F. S., 4th prize, June, 1906.
 France's Jewel XVI 2888, P. S., 2d prize (G. F. A.), 1912; 2d prize, August,
 1913; Reserve for Silver Cup, August, 1913; Reserve for His Majesty King George
 V, August, 1913.
 France's Jewel XVII 3156, P. S., 1st prize, August, 1913.
 France's Masher 1010, P. S., 2d prize, September, 1898; Queen's prize, August,
 1899.
 France's Masher II 1102, P. S., 4th prize, May, 1898; 2d prize, May, 1899; 1st
 prize, June, 1900.
 France's Ruling Chief 1233, P. S., 3d prize, September, 1900.
 Franklin 49, F. S., 4th prize, May, 1875; 4th prize, June, 1876.
 Freluquet 400, P. S., 2d prize, May, 1888.
 Galaxy's Sequel 1539, P. S., 1st prize, June, 1906 King's Cup, October, 1906;
 1st prize, May, 1907; 3d prize, June, 1908; 1st prize, June, 1909.



Golden Noble 1524, P. S. Sire of four A. R. cows and four A. R. bulls.

Gallant Lad 257, F. S., 4th prize, September, 1888.
 Gay Boy III 2747, P. S., 4th prize, May, 1912; 4th prize, August, 1912; 1st
 prize, May, 1913; Silver Cup, May, 1913.
 Gay Boy IV 3102, P. S., 3d prize, May, 1913.
 Gay Boy VI of Myrtle Place 3518, 3d prize, May, 1915.
 Gay Lad du Braye 2026, P. S., 3d prize, September, 1908; 2d prize, June, 1909;
 3d prize, May, 1910.
 Gay Lad's Hero 2514, P. S., 2d prize, June, 1911; 3d prize (G. F. A.), 1912.
 Gay Mike 2866, P. S., 4th prize, May, 1912.
 Gil Blas 1679, P. S., 3d prize, May, 1905; 1st prize, September, 1905.
 Gladstone II 61, P. S., 2d prize, September, 1883.
 Gleaner of Les Blancs Bois 2250, P. S., 4th prize, May, 1910; 4th prize, May,
 1912.
 Golden Fleece II 366, P. S., 3d prize, September, 1886; 1st prize, May, 1887.
 Golden Hero of l'Etiennerie 1507, P. S., 4th prize, September, 1904; 4th prize,
 June, 1906; 4th prize, May, 1907.

Golden Jewel 1336, P. S., 2d prize, May, 1904.
 Golden King 769, P. S., 3d prize, June, 1892; 2d prize, September, 1892.
 Golden Noble 1524, P. S., 4th prize, May, 1905.
 Golden Noble II 1836, P. S., 2d prize, May, 1907; King's Cup, July, 1907; 2d prize, June, 1908.
 Golden Noble II of the Briquet 3618, P. S., 2d prize, June, 1916.
 Golden Noble of the Bourg 3283, P. S., 4th prize, June, 1914; 4th prize (G. F. A.), 1914.
 Golden Secret 1314, P. S., 1st prize, June, 1903.
 Golden Fern II 665, P. S., 2d prize, May, 1891.
 Goldfern of the Poidevins 922, P. S., 2d prize, June, 1895.
 Gold Finder 394, P. S., 4th prize, May, 1887; 3d prize, September, 1887; 4th prize, May, 1888.
 Gold Stream of the Tertre 998, P. S., 4th prize, September, 1896.
 Gold Well 772, P. S., 3d prize, September, 1892.
 Governor of Carteret 3421, P. S., 1st prize (G. F. A.), 1914; 1st prize, May, 1915; Champion Cup for Reserve, May, 1915; 2d prize, June, 1916.
 Governor of l'Etiennerie 641, P. S., 1st prize, September, 1890; Queen's prize, 1891; 4th prize, May, 1893.



Golden Noble 2d 1836, P. S. Second prize, R. G. A. S., 1907-08. Sire of 23 A. R. cows and four A. R. bulls.

Governor of Myrtle Place II 2146, P. S., 4th prize, May, 1912; 1st prize, August, 1912; King's prize, 1912; 1st prize, August, 1913; Silver Cup, August, 1913; 1st prize, May, 1915; Champion Cup, May, 1915; Challenge Cup, May, 1915; 1st prize, June, 1916.
 Governor of St. Martin's I 977, P. S., 1st prize, May, 1896.
 Governor of the Chene 1297, P. S., 2d prize, September, 1902; 1st prize, June, 1903; 2d prize, May, 1904; 1st prize, May, 1905; 3d prize, June, 1906; 2d prize, May, 1907; King's Cup, July, 1907; 2d prize, May, 1910; 2d prize, June, 1911; 2d prize, August, 1911; 2d prize, May, 1912; 1st prize, August, 1912; 2d prize (G. F. A.), 1912.
 Governor of the Chene II 1807, P. S., 1st prize, May, 1907.
 Governor of the Corbinez 3302, P. S., 1st prize, June, 1914.
 Governor of the Gree 2160, P. S., 3d prize, June, 1909.

- Governor of the Ruettes 3523, P. S., 4th prize, May, 1915.
 Governor of the Vauquedior 2929, P. S., 4th (Reserve) (G. F. A.), 1912; 2d prize, May, 1913; 4th prize, August, 1913; His Majesty King George V Cup, August, 1914; 4th prize (G. F. A.), 1914; 3d prize, June, 1914; 2d prize, May, 1915.
 Grimpo 948, P. S., 2d prize, September, 1895.
 Guernsey Lad 60, F. S., 3d prize, May, 1874; 3d prize, May, 1875.
 Guernsey Rex of Les Quartiers 3386, P. S., 3d prize (G. F. A.), 1914.
 Guess 814, P. S., 2d prize, May, 1893.
 Guy Fawks 79, F. S., June, 1876; 4th prize, May, 1877.
 Harley of Chetral 1182, P. S., 4th prize, June, 1900; 1st prize, May, 1901; 1st prize, September, 1902.
 Herald IV 244, P. S., 4th prize, June, 1886.
 Hermit, 4th prize, May, 1888.
 Hero of King's Mills Lodge 2157, P. S., 1st prize, June, 1909.
 Hero of the Marchez 1382, P. S., 4th prize, June, 1903.
 Hero of the Park 1438, P. S., 4th prize, June, 1904.
 His Majesty 952, P. S., 1st prize, September, 1895; 4th prize, May, 1896; Queen's prize, August, 1896; 1st prize, June, 1897.
 His Majesty I 1106, P. S., 4th prize, September, 1898; 3d prize, June, 1900; 1st prize, May, 1898; Queen's prize, July, 1900.
 His Majesty II 1187, P. S., 3d prize, September, 1899.
 His Majesty III 1387, P. S., 1st prize, May, 1904; 3d prize, May, 1905.
 Holden I 1217, P. S., 3d prize, June, 1900.
 Honoria's Sequel 2816, P. S., His Majesty King George V Cup, August, 1913; 2d prize, June, 1914.
 Hubert II 51, F. S., 3d prize, May, 1872; 1st prize, June, 1873.
 Hunguets de Bas Winsome 3643, P. S., 4th prize, June, 1916.
 Industrious 719, P. S., 3d prize, September, 1891; 3d prize, June, 1892; Queen's prize, August, 1892; 1st prize, May, 1893.
 Industrious II 1212, P. S., 2d prize, June, 1900.
 Ivory's Sequel of Vimiera, Reserve (4th) prize (G. F. A.), 1912.
 Ivy's Emblem 3804, P. S., 1st prize, June, 1916.
 Jim of Newgrove 1930, 3d prize, June, 1908; 3d prize, June, 1909; 3d prize, June, 1911.
 Jimmy 143, F. S., 2d prize, May, 1880; 1st prize, September, 1879.
 Joe 132, F. S., 3d prize, June, 1879.
 Jolly Boy 241, F. S., 4th prize, September, 1886.
 Jubilee Conqueror 1034, P. S., 4th prize, June, 1897.
 Justinee of the Villocq 3570, P. S., 2d prize, May, 1915.
 Justinee's Kiora 3239, P. S., 3d prize (G. F. A.), 1914; 4th prize, June, 1914; 3d prize, June, 1916.
 Justinee's Sequel of the Preel 2119 P. S., 4th prize, May, 1910; 1st prize, June, 1911; 3d prize, August, 1911; 4th prize, August, 1912; 4th prize, May, 1913; 1st prize (G. F. A.), 1912.
 Just in Time 1170, P. S., 1st prize, May, 1899; 2d prize, September, 1899.
 King I 39, P. S., 2d prize, September, 1883.
 King Edward 1291, P. S., 4th prize, September, 1901; 1st prize, September, 1902.
 King of the Archets 1067, P. S., 2d prize, September, 1897.
 King of the Meadow 1436, P. S., 4th prize, May, 1904.
 Klondyke 1066, P. S., 1st prize, September, 1897; 1st prize, May, 1898; 3d prize, May, 1899.
 Kroonstad 304, F. S., 2d prize, June, 1900.
 Kruger 990, P. S., 4th prize, May, 1896.
 Laddie 86, F. S., 4th prize, September, 1874.
 Litho, 1st prize, June, 1897.
 Lord Gladstone 344, P. S., 2d prize, June, 1889.
 Lord John 144, P. S., 3d prize, May, 1884; 1st prize, September, 1884; 3d prize, May, 1885.
 Lord Mar 1737, P. S., 1st prize, June, 1908.
 Lord Mar V 2307, P. S., 1st prize, September, 1910.
 Lord Mortimer 549, P. S., 4th prize, June, 1889; 4th prize, May, 1890.
 Lord Mortimer II 743, P. S., 2d prize, June, 1892; Queen's prize, August, 1893.
 Lord Mysie 1840, P. S., 1st prize, June, 1906.
 Lord of Les Vauxhelets 15, F. S., 1st prize, September, 1871.
 Lord Stanford 886, P. S., 3d prize, June, 1895.
 Lord Strangford 523, P. S., 1st prize, June, 1889.
 Lord Strathallan 29, P. S., 1st prize, September, 1882; 1st prize, May, 1883; 1st prize, May, 1884.
 Loyal 156, F. S., 2d prize, September, 1882.
 Loyal 102, F. S., 4th prize, June, 1879.
 Loyal II 110, P. S., 3d prize, May, 1885.

- Loyal des Martins 1234, P. S., 4th prize, September, 1900.
 Loyal of the Capelles 1267, P. S., 2d prize, May, 1901; 4th prize, September, 1902.
 Loyal of the Gree III 319, F. S., 3d prize, June, 1906.
 Loyal of the Hunguets 978, P. S., 1st prize, May, 1896; 1st prize, September, 1896; 3d prize, June, 1897; Queen's prize, July, 1897; 2d prize, May, 1898.
 Loyal of the Hunguets I 1262, P. S., 4th prize, May, 1901.
 Magnet 256, P. S., 2d prize, September, 1885.
 Majestic 1723, P. S., 3d prize, June, 1906.
 Majesty of Ida Cottage 1902, P. S., 3d prize, September, 1907; 2d prize, June, 1908.
 Marc Anthony 386, P. S., 1st prize, May, 1887; 4th prize, September, 1887.
 Marc Anthony II 770, P. S., 1st prize, June, 1892.
 Marcus 56, P. S., 2d prize, May, 1884.
 Marcus II 341, P. S., 4th prize, May, 1887.
 Marechal 83, F. S., 4th prize, June, 1876.
 Martineau 237, F. S., 4th prize, May, 1887.



Masher 705, P. S.

- Masher 705, P. S., 4th prize, May, 1891; 4th prize, September, 1891; 4th prize, June, 1892; 2d prize, May, 1893; Queen's prize, August, 1893; 1st prize, May, 1894; 1st prize, June, 1895.
 Masher II 858, P. S., 3d prize, May, 1894; 1st prize, September, 1894; 3d prize, June, 1895; Queen's prize, August, 1895; 1st prize, May, 1896; 2d prize, June, 1897; 1st prize, May, 1898; 1st prize, May, 1899.
 Masher IV 931, P. S., 3d prize, June, 1895.
 Masher V 1008, P. S., 2d prize, September, 1896; Queen's prize, July, 1897.
 Masher of St. Helene 1153, P. S., 3d prize, May, 1899.
 Masher's Galore 1307, P. S., 1st prize, September, 1902.
 Masher's Pioneer, P. S., 1st prize, June, 1900.
 Masher's Sequel 1266, P. S., 1st prize, September, 1901; 2d prize, September, 1902; 3d prize, June, 1903; 4th prize, May, 1905.
 Massachusetts 293, F. S., 2d prize, June, 1897; Queen's prize, August, 1898; 3d prize, May, 1898.
 Master Tom 170, P. S., 2d prize, May, 1885; 3d prize, June, 1886.
 Master Tom II 273, P. S., 2d prize, September, 1886.
 Maximus 595, P. S., 1st prize, May, 1890.
 May Boy of the Camp 3374, P. S., 2d prize (G. F. A.), 1914; 4th prize, May, 1915.
 May Day, P. S., 4th prize, September, 1899.
 May King 1887, P. S., 3d prize, May, 1907.

- May King of Frie Baton 2571**, P. S., 1st prize, June, 1911; 4th prize, August, 1911.
May Rose Lad 2889, P. S., 2d prize, May, 1912.
Meridan 735, P. S., 3d prize, June, 1892.
Meteor 181, F. S., 2d prize, May, 1883; 4th prize, May, 1884.
Mignon 92, F. S., 4th prize, June, 1876; 2d prize, May, 1877.
Mignon II 71, F. S., 3d prize, September, 1867.
Moderator 1051, P. S., 3d prize, June, 1897; 4th prize, September, 1897.
My Own 3289, P. S., 3d prize (G. F. A.), 1914.
Nelly's President 3323, P. S., 3d prize, June, 1914.
Nelson des Marais 3143, P. S., 3d prize, August, 1913.
Nelson of the Blicqs, 4th prize, May, 1910.
Nelson of the Bordages 1373, P. S., 2d prize, June, 1903; 2d prize, September, 1903.
Neptune 85, F. S., 3d prize, May, 1871; 3d prize, May, 1872.
Nico 89, F. S., 1st prize, September, 1876.
Nimrod 2507, P. S., 3d prize, June, 1911.



Pride of Day 17126.

- Noble Boy 822**, P. S., 2d prize, May, 1893.
No Joke 1404, P. S., 2d prize, May, 1905.
Oakbud 76, F. S., 2d prize, June, 1862; 1st prize, May, 1863.
Oberland 114, F. S., 3d prize, June, 1878.
Orange Boy 901, P. S., 3d prize, September, 1894.
Original 451, P. S., 2d prize, May, 1888.
Osseo IV 2412, P. S., 4th prize, June, 1911; 4th prize, August, 1911.
Osseo des Blancs Bois 3611, P. S., 4th prize (Reserve), May, 1915.
Our Prince 582, P. S., 2d prize, May, 1890.
Pampadour 72, F. S., 3d prize, June, 1870; 4th prize, May, 1871.
Parson's Blucher 1944, P. S., 4th prize, September, 1907.
Pas Mal 542, P. S., 3d prize, June, 1889; 2d prize, September, 1889; Queen's prize, 1890; 2d prize, May, 1890; 2d prize, May, 1891.
Pas Mal III 771, P. S., 4th prize, June, 1892; 1st prize, September, 1892.
Pas Mal IV 945, P. S., 3d prize, September, 1895.
Pedro of Les Videclins 1494, P. S., 3d prize, September, 1904.
Penny Come Quick II 821, P. S., 3d prize, May, 1893; 2d prize, September, 1893.
Persimmon 992, 3d prize, June, 1897.
Petrarch II 622, P. S., 2d prize, May, 1890.
Plough Boy 63, F. S., 3d prize, September, 1873.

- Polly's Pride 2974, P. S., 3d prize, August, 1912; 3d prize, May, 1913; 1st prize, August, 1913; 1st prize, June, 1914; 1st prize (G. F. A.), June, 1914.
 Polo III of the Vauxbelets 2158, P. S., 2d prize, June, 1909; 1st prize, September, 1909.
 Pottenger 53, F. S., 4th prize, May, 1874.
 Porquoi Pas 2283, P. S., 3d prize, May, 1910.
 Premier 31, F. S., 1st prize, June, 1878; 1st prize, June, 1879.
 President 2020, P. S., 3d prize, June, 1909.
 Presto 14, P. S., 1st prize, June, 1881; 1st prize, May, 1882.
 Pretender 58, F. S., 3d prize, May, 1875; 3d prize, June, 1876; 3d prize, May, 1877.
 Pride of Day 1849, P. S., 2d prize, June, 1909; King's Cup, August, 1909.
 Primrose's Brilliant of the Gree 3790, P. S., 3d prize, June, 1916.
 Prince, 4th prize, June, 1886.
 Prince 146, F. S., 3d prize, May, 1882.



Raymond of the Preel II 13381.

- Prince II 60, P. S., 4th prize, May, 1885.
 Prince Christian I 364, P. S., 4th prize, May, 1887.
 Prince of La Croisee 3213, P. S., 1st prize, June, 1914; 3d prize, May, 1915; 1st prize (G. F. A.), 1914.
 Prince of Orange 41, F. S., 2d prize, June, 1873; 3d prize, May, 1874.
 Prince of the Gravees 1253, P. S., 1st prize, May, 1901.
 Prince of the Vauquiedor 1675, P. S., 4th prize, May, 1905.
 Princess' Jewel 1551, P. S., King's Cup, August, 1908.
 Proud Red 'un II 2356, P. S., 4th prize, June, 1911.
 Queen's Admiral 1446, P. S., 1st prize, May, 1904.
 Ranger VII 1032, P. S., 4th prize, May, 1899.
 Ransom 204, P. S., 1st prize, September, 1885.
 Ransom III 348, P. S., 3d prize, May, 1887; 1st prize, September, 1887; 2d prize, May, 1888.
 Ransom IV 536, P. S., 2d prize, June, 1889.
 Ransome, P. S., 4th prize, June, 1900.
 Raymond of La Croix 2692, P. S., 3d prize, August, 1912.
 Raymond of Mt. Plaisant 3571, P. S., 1st prize, May, 1915; 1st prize, June, 1916.
 Raymond of the Belles, 1st prize (G. F. A.), 1912.
 Raymond of the Briquet, 3d prize (G. F. A.), 1912.

- Raymond of the Preel 1526, P. S., 2d prize, May, 1905; 2d prize, September, 1905; 2d prize, June, 1906.
- Raymond of the Preel II 1876, P. S., 1st prize, May, 1907; 1st prize, September, 1907.
- Raymond of the Preel IV 1911, P. S., 4th prize, June, 1908; 4th prize, June, 1909; King's Cup, August, 1909; 1st prize, May, 1910.
- Raymond of the Preel VI 1994, P. S., 1st prize, June, 1908; 1st prize, September, 1908.
- Raymond of the Rocque a Bouef 2968, P. S., 2d prize, August, 1913.
- Raymond's Pearl King 2560, P. S., 1st prize, August, 1911; 1st prize (G. F. A.), 1912; 1st prize, May, 1912; King's Cup, 1912.
- Reliable 1389, P. S., 3d prize, September, 1903.
- Richmond 1278, P. S., 3d prize, September, 1901; 3d prize, September, 1902.
- Ringleader 590, P. S., 1st prize, May, 1891; 1st prize, June, 1892.
- Rival 153, F. S., 2d prize, September, 1879.
- Rival 84, F. S., 4th prize, May, 1875.
- Robert's Boy 2275, P. S., 2d prize, May, 1910; 4th prize, June, 1911; 4th prize, August, 1911.
- Robert's Excelsior 1315, P. S., 3d prize, September, 1902.
- Robert's Success 1239, P. S., 2d prize, September, 1901; 3d prize, September, 1902; 2d prize, June, 1903; 3d prize, May, 1904.
- Roger 17, F. S., 2d prize, September, 1877; 4th prize, June, 1878.
- Rollo 154, F. S., 3d prize, May, 1883.
- Rollo of the King's Mills 656, P. S., 2d prize, September, 1890.
- Roman Emperor 1550, P. S., 4th prize, September, 1905.
- Romulus IX 1188, P. S., 3d prize, May, 1901.
- Rosebud II 406, P. S., 3d prize, May, 1887.
- Rouvets 87, F. S., 4th prize, June, 1876.
- Royal Blood 611, P. S., 3d prize, May, 1890.
- Royal Blood I 870, P. S., 2d prize, September, 1894; 2d prize, June, 1895; 2d prize, May, 1896.
- Royal Blood II 897, P. S., 1st prize, June, 1895.
- Royal Blood VI 1261, P. S., 4th prize, September, 1902.
- Royal Duke 20, F. S., 1st prize, September, 1875.
- Royal George 120, F. S., 2d prize, June, 1881.
- Royal Governor of l'Etiennerie 1484, P. S., 1st prize, September, 1904; 1st prize, May, 1905; 1st prize, June, 1906.
- Royal Governor of the Belles 3226, P. S., 4th prize (G. F. A.), June, 1914.
- Royal Governor of the Gree 2581, P. S., 3d prize, May, 1912.
- Royaliste 184, F. S., 3d prize, May, 1883; 2d prize, May, 1884.
- Royal Sequel 2538, P. S., 4th prize, June, 1911.
- Royal Squire of l'Etiennerie 812, P. S., 4th prize, May, 1894; Queen's Prize, August, 1894; 2d prize, June, 1895.
- Royal Squire II of the l'Etiennerie 923, P. S., Queen's prize, August, 1895; 3d prize, May, 1896.
- Royal Squire III of l'Etiennerie 1069, P. S., 3d prize, September, 1897; 2d prize, May, 1898; Queen's prize, August, 1898.
- Royal Squire IV of l'Etiennerie 1210, P. S., 1st prize, June, 1900; 4th prize, May, 1901.
- Ruby 118, P. S., 2d prize, September, 1884; 4th prize, May, 1885.
- Rydale 475, P. S., 1st prize, May, 1888; 1st prize, June, 1889; 1st prize, May, 1890; Queen's prize, 1890; 1st prize, May, 1891.
- Rydale II 767, P. S., 1st prize, June, 1892.
- Rydale VII 1112, P. S., 3d prize, May, 1898; 1st prize, September, 1898; 1st prize, May, 1899.
- Safeguard of the Capelles 914, P. S., 4th prize, June, 1895; Queen's prize, 1896.
- Safety 445, P. S., 4th prize, May, 1888.
- Sailor Boy 2858, P. S., 1st prize, May, 1912; 2d prize, August, 1912; 2d prize, May, 1913.
- Sailor King 3364, P. S., 2d prize, May, 1915.
- Saline Lad 1331, P. S., 4th prize, June, 1903.
- Sammy 61, F. S., 4th prize, June, 1876.
- San Francisco of the Brickfield 1886, P. S., 2d prize, May, 1907.
- San Toy of Pulias 2612, F. S., 3d prize, August, 1911; 2d prize, May, 1912; 2d prize (G. F. A.), 1912.
- Sarnia's Pride 68, F. S., 1st prize, June, 1873; 4th prize, May, 1874.
- Sansmarcz 66, F. S., 4th prize, September, 1875.
- Scorpion 52, F. S., 4th prize, June, 1873.
- Sequel's Crescendo 1406, P. S., 3d prize, May, 1904.
- Sequel's Delight 2442, P. S., 2d prize, August, 1911; King's prize, August, 1911; 3d prize, August, 1912; 3d prize (G. F. A.), 1912; 3d prize, August, 1913; 4th

prize, June, 1914; 2d prize (G. F. A.), June, 1914; 4th prize, May, 1915; 4th prize, June, 1916.

Sequel's Monogram 1838, P. S., King's Cup, August, 1908.

Sequel's Qui Vive, King's Cup, June, 1914.

Signal of the Capelles 986, P. S., 3d prize, May, 1896.

Silver Stream 935, P. S., 1st prize, June, 1895; 4th prize, September, 1895.

Sir Charles 93, F. S., 2d prize, September, 1876; 1st prize, May, 1877.

Sir de Havilland 47, F. S., 1st prize, May, 1869; 1st prize, June, 1870.

Sir Francis 234, P. S., 2d prize, June, 1886; 3d prize, May, 1887.

Sir Harry 64, F. S., 3d prize, May, 1869.

Sir John Doyle I 78, F. S., 3d prize, September, 1876.

Sir Hugo 3298, P. S., 4th prize, June, 1914.

Sir Jasper 166, F. S., 4th prize, May, 1882.

Sir Jasper II 851, P. S., 3d prize, May, 1894.

Sir Marcus 1816, P. S., 3d prize, May, 1907.

Sir Newlyn 1264, P. S., 3d prize, May, 1901.

Sir Robert 34, F. S., 4th prize, May, 1880.

Sir Roger 174, F. S., 3d prize, September, 1882; 4th prize, May, 1883.

Sir Roger II 156, P. S., 3d prize, September, 1885.

Sir Stafford 95, F. S., 4th prize, June, 1878.

Sly of the Bordages 988, P. S., 2d prize, May, 1896; 3d prize, September, 1896; 4th prize, June, 1897; 2d prize, May, 1898.

Sly of the Bordages I 1110, P. S., 3d prize, September, 1898; 3d prize, May, 1899; 2d prize, June, 1900; Queen's prize, July, 1900; 2d prize, May, 1901.

Sly of the Bordages II 1330, P. S., 1st prize, September, 1902.

Smilax of the Niaux 1385, P. S., 3d prize, June, 1903.

Souvenir 521, P. S., 4th prize, June, 1889; 3d prize, May, 1890; 3d prize, May, 1891.

Spargo 1236, P. S., 2d prize, September, 1900.

Special 121, P. S., 1st prize, May, 1885; 2d prize, June, 1886.

Squire V of Bickleigh 3195, P. S., 2d prize, June, 1914; 2d prize, August, 1913.

Squire of St. Andrews 73, F. S., 4th prize, September, 1871; 1st prize, May, 1872.

Squire of the Conture 2420, P. S., 4th prize, August, 1911; 4th prize, August, 1912.

Squire of the Fields 1005, P. S., 4th prize, May, 1898.

Squire of the King's Mills II 302, P. S., 2d prize, May, 1887.

Squire of the King's Mills III 487, P. S., 4th prize, June, 1889; 4th prize, September, 1889.

Squire of the King's Mills V 652, P. S., Queen's prize, August, 1892; 3d prize, May, 1893.

Squire of the King's Mills IX 954, P. S., 2d prize, May, 1896.

Squire of La Lande I 1095, P. S., 4th prize, May, 1898.

Squire of Les Vauxbelets 35, F. S., 2d prize, May, 1880.

Squire of Lilyvale 800, P. S., 1st prize, September, 1893; 1st prize, May, 1894; Queen's prize, August, 1894.

Squire of the Martins 1155, P. S., 4th prize, May, 1899.

Squire of the Preel 985, P. S., 3d prize, May, 1896.

Squire of the Sages II 1318, P. S., 4th prize, June, 1903; 4th prize, May, 1904.

St. Amant 1462, P. S., 1st prize, May, 1905; 3d prize, September, 1905.

St. Andrews I 1, F. S., 1st prize, September, 1874; 2d prize, May, 1875; 1st prize, June, 1876.

St. Andrews II 2, F. S., 1st prize, September, 1877; 2d prize, June, 1878; 2d prize, June, 1879.

St. Andrews III 163, F. S., 1st prize, June, 1879; 3d prize, May, 1880.

St. George 249, P. S., 4th prize, September, 1885.

St. Jacques II 1770, P. S., 2d prize, June, 1906.

St. John 2063, P. S., 2d prize, September, 1908; 1st prize, June, 1909.

Stanley 96, F. S., 4th prize, June, 1878.

Sterling 318, P. S., 1st prize, June, 1886.

Stockwell 62, F. S., 4th prize, May, 1875.

Storm King III 2835, P. S., 3d prize, May, 1912.

Surprise 573, P. S., 4th prize, May, 1890.

Surprise of the Capelles 818, P. S., 4th prize, May, 1893.

The Conqueror II 320, F. S., King's Cup, 1906; 1st prize, September, 1906; 3d prize, May, 1907; 4th prize, June, 1908.

The Conqueror III 2032, P. S., 4th prize, September, 1908; 4th prize, June, 1909.

The Earl 1976, P. S., 4th prize, June, 1908.

The Prince 17, P. S., 1st prize, May, 1882; 1st prize, May, 1883; 3d prize, May, 1894; 2d prize, May, 1885.

Traveller 736, P. S., 4th prize, June, 1892.
 Trial 94, F. S., 3d prize, June, 1876; 4th prize, May, 1877.
 Truro 1401, P. S., 4th prize, September, 1903.
 Turk 165, F. S., 2d prize, June, 1881; 2d prize, May, 1882.
 Uncle Peter 1021, P. S., 1st prize, June, 1897.
 Undertaker 765, P. S., 4th prize, September, 1892.
 Valentine's Honour of the Passee 3784, P. S., 2d prize, June, 1916.
 Vallais 56, F. S., 3d prize, May, 1872.
 Vallais 65, F. S., 2d prize, September, 1870; 2d prize, May, 1871; 2d prize, May, 1872.
 Vallon May Rose Lad 3744, P. S., 1st prize, June, 1916.
 Vauquiedor 40, F. S., 4th prize, May, 1866; 1st prize, June, 1867; Champion-ship R. G. A. S., 1868.
 Venture 768, P. S., 2d prize, June, 1892.
 Victor 55, F. S., 2d prize, May, 1871.
 Victor II of Les Bordages 3332, P. S., 2d prize, June, 1914; 1st prize (G. F. A.), 1914.
 Viking 45, F. S., 1st prize, June, 1870; 4th prize, May, 1871; 3d prize, May, 1872.
 Villette Prince 1374, P. S., 4th prize, September, 1902; 2d prize, June, 1903.
 Volage 98, P. S., 3d prize, September, 1884; 1st prize, May, 1885; 1st prize, June, 1886.
 Vulcan 20, P. S., 2d prize, September, 1880; 4th prize, June, 1881; 4th prize, May, 1882.
 Warrior 108, P. S., 4th prize, September, 1884.
 Warwick 141, F. S., 4th prize, June, 1879.
 Wellington 69, F. S., 3d prize, June, 1870; 4th prize, May, 1871.
 Whinsome III 2453, P. S., 1st prize, June, 1911; 1st prize, August, 1911; 4th prize, May, 1912.
 Why Not of Willmount 1220, P. S., 3d prize, June, 1900.
 Willie 99, F. S., 4th prize, May, 1877.
 Winsome 846, P. S., 1st prize, May, 1894.
 Woodland's Lord Mar, 1st prize, May, 1910.
 Zanzibar 305, P. S., 1st prize, September, 1886; 1st prize, May, 1887; 1st prize, May, 1888.

The regular annual show conducted by the Royal Guernsey Agricultural Society has always been held on the Tuesday of Whitsuntide, and a second show for bulls only was held at Michaelmas. Later shows have been held especially for the awarding of the queen's prize and later for the king's cup. A second regular show has since 1911 been held in August of each year. A few years ago an association was organized called The Guernsey Farmers' Association, and they too hold a regular summer show.

On the Island of Jersey shows are held in each parish, but no attempt to hold a parish show had been made on the Island of Guernsey until the fall of 1913, when a very successful show was held in St. Saviour's.

Cows and Heifers—Guernsey.

Ada I of the Adams 3909, P. S., 3d prize, May 23, 1899.
 Alice Beatrice 1190, P. S., 3d prize, May, 1887.
 Aline des Rocquettes 14965, P. S., 1st prize, June, 1916.
 Angelica 749, F. S., 2d prize, May, 1882.
 Angerosa 3064, F. S., 2d prize, May, 1913.
 Angulosa of the Hall 13606, P. S., 4th prize, June, 1916.
 Antoinette's Beauty 15325, P. S., 3d prize, June, 1916.
 Antoinette's Queen's Prize 3011, P. S., 4th prize, June, 1892; 2d prize, May, 1894; 3d prize, May, 1898.
 Antoinette's Queen's Prize II 3141, P. S., 4th prize, May, 1893.
 Antoinette's Queen's Prize III 3562, P. S., 2d prize, May, 1898.
 Antoinette's Queen's Prize IV 4560, P. S., 1st prize, May, 1901; 1st prize, September, 1902.

Antoinette's Queen's Prize V 4843, P. S., 1st prize, June, 1908.
 Antoinette's Queen's Prize IX 5450, P. S., 4th prize, May, 1905; 1st prize, May, 1907.
 Aspasia 2122, P. S., 4th prize, May, 1890.
 Aspasia III 3491, P. S., 3d prize, June, 1897.
 Bance of Rozel 12086, P. S., 3d prize, June, 1916.
 Batavia I 4579, P. S., 4th prize, May, 1905.
 Beatrice III 1867, P. S., 1st prize, June, 1889.
 Beatrice VIII 4612, P. S., 1st prize, September, 1902.
 Beautiful Star 2825, P. S., 4th prize, June, 1892.
 Beauty, 3d prize, May, 1885.
 Beauty 170, F. S., 2d prize, June, 1879.
 Beauty 307, F. S., 4th prize, June, 1879.
 Beauty II 1037, P. S., 4th prize, May, 1891.
 Beauty of the Fauxquets 1799, F. S., 2d prize, May, 1898; 2d prize, May, 1899.
 Beauty X of the Forgettes 8170, P. S., 1st prize, August, 1912.
 Beauty of the Hunguets 3554, P. S., 3d prize, June, 1895.



Buttercup du Pont 3448, F. S.—1st prize, R. G. A. S., 1912. Dam of Brilliant of the Gree.

Beauty of the King's Mills II 4694, P. S., 2d prize, May, 1901; 4th prize, June, 1902.
 Beauty II of the King's Mills, 4th prize (Reserve) (G. F. A.), 1912.
 Beauty of the King's Mills Lodge 3335, F. S., 2d prize, June, 1908; 4th prize, May, 1910.
 Beauty II of King's Mills Lodge 7916, P. S., 2d prize, June, 1909.
 Beauty of the Park 3007, P. S., 4th prize, June, 1892.
 Beauty's Pearl IV of the Vauxbelets 8373, P. S., 2d prize, May, 1910.
 Beauty's Pearl VI of the Vauxbelets 9027, P. S., 2d prize, May, 1910.
 Beauty's Pride 3779, P. S., 4th prize, June, 1897.
 Begum 2662, F. S., 1st prize, May, 1893.
 Pel Air II 4961, P. S., 4th prize, May, 1904.
 Bella IV of Clairmont 7997, P. S., 3d prize, June, 1909.
 Bella of the Baissieres I 5200, P. S., 2d prize, May, 1904.
 Belle of the Louillets 2059, P. S., 2d prize, May 1891.
 Betsy of the Ponchez II 6705, P. S., 2d prize, May, 1907.
 Bijou, 4th prize, May, 1913

- Bijou IV 2172, P. S., 2d prize, June, 1889.
 Bijou of les Cornus 4477, F. S., 4th prize, May, 1913.
 Bijou's Darling IV 5211, P. S., 2d prize, June, 1906.
 Bisette XLVII 7278, P. S., 2d prize, June, 1908.
 Black Eyed Susan 291, F. S., 2d prize, May, 1884.
 Blanche Daisy III 7644, P. S., 1st prize, May, 1910.
 Blanchflower V 4451, P. S., 3d prize, June, 1900.
 Bouvee Eva II 8509, P. S., 3d prize, May, 1910.
 Bon Espoir XV 8549, P. S., 2d prize, May, 1912.
 Braye Adafina 4916, F. S., 1st prize, June, 1914; 2d prize (G. F. A.), 1914.
 Braye Duchess II 11053, P. S., 4th prize, June, 1914.
 Brunette 414, F. S., 3d prize, June, 1879.
 Brunette de l'Epinel 2932, P. S., 2d prize, August, 1911.
 Bruser II 12873, P. S., 4th prize, June, 1914.
 Butter Bowl of the Gron 9045, P. S., 4th prize, June, 1911; 4th prize, May, 1912.
 Buttercup, 3d prize, May, 1904.
 Buttercup II of La Houquette 8220, P. S., 4th prize, May, 1915.
 Buttercup III of La Houquette 10371, P. S., 4th prize (G. F. A.), 1914.
 Buttercup VI 1968, P. S., 2d prize, May, 1888.
 Buttercup du Pont 3448, F. S., 1st prize, June, 1911; 1st prize (G. F. A.), 1912; 3d prize (G. F. A.), 1914.
 Buttercup of the Friquet 2392, F. S., 1st prize, September, 1902.
 Cambrian Princess 4532, P. S., 1st prize, May, 1901.
 Chalmer's Clara 13713, P. S., 4th prize, May, 1915.
 Charmante's Coronation 7325, P. S., 1st prize, June, 1909.
 Ciss of the Houmets 5238, P. S., 4th prize, May, 1904.
 Clara XVI of the Rouvets 5476, P. S., 3d prize, May, 1910; King's prize, August, 1911; 2d prize, August, 1911; 3d prize, August, 1912; 4th prize (Reserve) (G. F. A.), 1912.
 Claire 1153, F. S., 4th prize, May, 1890.
 Clara's Pride III 10657, P. S., 1st prize, May, 1913.
 Cleopatra III 10876, 1st prize, June, 1914.
 Clover of the Bernanderie 4721, P. S., 3d prize, September, 1902.
 Cocotte III of the King's Mills 10437, P. S., 4th prize, May, 1912.
 Colliad 7332, P. S., 4th prize, June, 1908.
 Colina II 866, P. S., 2d prize, May, 1888.
 Colla No. 10, 4th prize, June, 1881.
 Colla 25, F. S., 2d prize, May, 1871.
 Collas, 2d prize, May, 1880.
 Collina 183, F. S., 3d prize, June, 1878.
 Comtesse de Paris 4712, P. S., 1st prize, June, 1903; 3d prize, May, 1904; 1st prize, May, 1907.
 Comtesse de Paris II 7853, P. S., 4th prize, June, 1909.
 Comtesse de Paris III 8627, P. S., 1st prize, May, 1910; 1st prize, August, 1911.
 Coquette 365, F. S., 4th prize, June, 1879; 4th prize, May, 1880.
 Cora of Saumarez, 3d prize, May, 1891.
 Cornucopia 18, F. S., 4th prize, June, 1870; 4th prize, May, 1871; 3d prize, May, 1872; 3d prize, May, 1873; 2d prize, May, 1874; 2d prize, May, 1875; 3d prize, June, 1876; 2d prize, May, 1877; 1st prize, June, 1879.
 Cosy II of the Vauxbelets 7243, P. S., 4th prize, May, 1910.
 Cosy III of the Vauxbelets 8847, P. S., 4th prize, May, 1910.
 Countess Ruth, 3d prize, June, 1900.
 Countess Sucotte II 3210, P. S., 2d prize, May, 1896.
 Countess Susan 4017, P. S., 2d prize, May, 1899; 2d prize, June, 1900.
 Couture Lass III 4317, P. S., 4th prize, May, 1899.
 Crabbe's Dewdrop 9347, P. S., 1st prize, June, 1911.
 Crabbe's Lily 9538, P. S., 4th prize, June, 1911.
 Crystella 4655, P. S., 4th prize, September, 1902.
 Cyrene d'Or II 11115, P. S., 3d prize, May, 1913; 3d prize, June, 1914; 4th prize (G. F. A.), 1914.
 Cyrene of the Rouvets 13664, P. S., 1st prize, June, 1916.
 Cyrene of the Vmiera 15211, P. S., 4th prize, June, 1916.
 Dairy Maid 426, F. S., 2d prize, June, 1879.
 Dairy Maid II of the Bourg 427, F. S., 2d prize, May, 1882; 1st prize, May, 1883; 3d prize, May, 1884; 2d prize, May, 1885; 3d prize, June, 1886; 1st prize, May, 1887; 1st prize, May, 1888.
 Dairy Maid IV of the Bourg 126, P. S., 1st prize, May, 1882; 1st prize, May, 1883; 4th prize, May, 1885.
 Dairy Maid des Islets VI 3811, P. S., 2d prize, May, 1904; 4th prize, May, 1907.
 Dairy Maid of Anneville VIII 9173, P. S., 3d prize, May, 1913; 2d prize (G. F. A.), 1914.

- Dairymaid of the Baissieres 4158, F. S., 4th prize, August, 1912.
 Dairymaid of the Haut Pave 4934, F. S., 4th prize, June, 1916.
 Dairy Maid I of the Briquet 5194, P. S., 3d prize, May, 1907.
 Mairy Maid Royal, 1st prize, June, 1882.
 Dairy Maid Royal II, 4th prize, June, 1895.
 Daisy, 4th prize, June, 1881.
 Daisy du Bas Venelles 11437, P. S., 2d prize, May, 1913.
 Daisy II of Albecq 8598, P. S., 4th prize, June, 1911.
 Daisy II of La Moinerie 13163, P. S., 2d prize, May, 1915.
 Daisy of Mount Plaisant 2981, P. S., 2d prize, May, 1912.
 Daisy of Piece Naz 4438, F. S., 1st prize, August, 1911.
 Daisy of the Bordages 4424, P. S., 2d prize, June, 1900.
 Daisy of the Eperons 358, F. S., 2d prize, June, 1879.
 Daisy of the Frie V 12382, P. S., 3d prize, June, 1916.
 Daisy II of the Lohiers 621, P. S., 2d prize, May, 1884.
 Daisy of the Preel 2083, F. S., 4th prize, May, 1901.
 Daisy IV of the Vauxbelets 9031, P. S., 2d prize, June, 1911.
 Deanie of La Houquette 12448, P. S., 2d prize, June, 1914; 1st prize (G. F. A.), 1914.
 Deanie XII 4699, P. S., 2d prize, September, 1902.
 Deanie XVI 7597, P. S., 3d prize, May, 1910.
 Desiree XVI, 2d prize, June, 1914.
 Desireta V 11151, P. S., Silver Cup, August, 1913; 1st prize, August, 1913; 2d prize, May, 1913; 4th prize, June, 1914.
 Diamond Jubilee of l'Etiennerie 4091, P. S., 3d prize, May, 1898.
 Dijon III 296, P. S., 2d prize, May, 1884.
 Dido 43, F. S., 1st prize, May, 1877; 1st prize, May, 1880.
 Dolly, 3d prize, May, 1880.
 Dolly III of the Baissieres 4900, P. S., 4th prize, June, 1903; 1st prize, May, 1904.
 Dolly May 3336, P. S., 2d prize, May, 1894.
 Doris III of the Tertre 6215, P. S., 3d prize, June, 1909.
 Dousta Valentine of L'Eclat 5038, F. S., 2d prize, May, 1915.
 Duchess d' Alencon 3878, P. S., 3d prize, June, 1897.
 Dulcie of the Tertre, 3d prize (G. F. A.), 1912.
 East Lynne II 1976, P. S., 3d prize, May, 1890.
 East Lynne V 2473, P. S., 1st prize, May, 1891.
 Effard Lass 2482, P. S., 4th prize, May, 1891; 1st prize, June, 1892.
 Elegante 198, F. S., 3d prize, June, 1879; 2d prize, May, 1880; 1st prize (H. B. S.), 1880.
 Ellida II, P. S., 4th prize, May, 1905.
 Eve des Rues Fairies 2410, P. S., 2d prize, May, 1890.
 Evelyn, 3d prize, May, 1888.
 Excelida III 10952, P. S., 3d prize, June, 1914.
 Excellence 620, P. S., 1st prize, June, 1881.
 Experance III of the Lohiers 2315, P. S., 1st prize, May, 1893; 4th prize, May, 1894; 4th prize, June, 1897; 1st prize, May, 1898; 3d prize, June, 1892.
 Experance XIII of the Lohiers 5156, P. S., 3d prize, August, 1911; 4th prize, August, 1912.
 Fac-simile II 7262, P. S., 4th prize, June, 1911.
 Fair Rosamond, 3d prize, May, 1891.
 Fairy of the Vill-au-roi IV 2460, P. S., 2d prize, May, 1891.
 Fairy Queen II 1289, F. S., 1st prize, May, 1894; 1st prize, May, 1885; 2d prize, June, 1886.
 Fancy de lat Vieille Rue 3576, F. S., 4th prize, August, 1912.
 Fancy of Les Caches II 8099, 4th prize, May, 1912; 3d prize, May, 1913.
 Fancy of Les Caches III's Mishap, 4th prize, June, 1914.
 Fancy II's Princess 9698, P. S., 3d prize (G. F. A.), 1912; 3d prize, May, 1913; 3d prize, August, 1913.
 Fannie III of the Courtil Blicq 13068, P. S., 4th prize, May, 1915.
 Fanny 537, F. S., 4th prize, May, 1882.
 Fanny 396, F. S., 3d prize, June, 1881.
 Fanny de la Tounellerie 11546, P. S., 2d prize, June, 1914.
 Fanny du Foulon XXIV 12062, P. S., 3d prize, August, 1913.
 Fanny II of LePort 7902, P. S., 3d prize, June, 1911.
 Fanny III of LePort 10592, P. S., 4th prize, August, 1913.
 Fanny of the Villocq 498, F. S., 4th prize, May, 1883; 1st prize, May, 1885.
 Fawn, 4th prize, May, 1885.
 Fillpail II 221, C., 4th prize, May, 1882.
 Fillpail XIV 4739, P. S., 1st prize, May, 1905.
 Flamboyante of Grand Fort 14646, P. S., 3d prize, June, 1916.
 Fleurie, 4th prize, June, 1914.

- Fleurie III of the Cloture 8459, P. S., 3d prize, May, 1912; 3d prize (G. F. A.), 1912; 1st prize, August, 1913; Silver Cup, August, 1913; 2d prize (G. F. A.), 1914.
 Floe VI of the Anneville 8577, P. S., 4th prize, May, 1912.
 Flora of Calais 4386, P. S., 4th prize, June, 1900.
 Flora of Saints IV 764, P. S., 4th prize, May, 1887.
 Flora VI of the Briquet 12431, P. S., 1st prize, May, 1915; Champion Cup, May, 1915; Challenge Cup (Reserve for heifer), May, 1915.
 Flora XX of the Vauquidor 6594, P. S., 4th prize, June, 1909.
 Flora of Vimiera 7212, P. S., 1st prize, June, 1908; 1st prize, May, 1910; 1st prize, May, 1912; 2d prize, August, 1912; King's Cup, 1912; 2d prize (G. F. A.), 1912; 1st prize, May, 1913; Silver Cup, May, 1913; Challenge Cup (Reserve), May, 1913.
 Flora II of Vimiera 11541, P. S., 3d prize, June, 1914; 1st prize, May 1915; 1st prize, June, 1916.
 Florrie of the Helene 4231, P. S., 4th prize, May, 1899; 3d prize, June, 1906.
 Florry of the Spurs I 3758, P. S., 4th prize, June, 1897.
 Flower of the Gree 11869, P. S., 2d prize (G. F. A.), 1914.



France VIII 4555, P. S.—third prize, Guernsey, June, 1903.

- Flower I of the Moigne 11047, P. S., 1st prize (G. F. A.), 1914.
 Flower of the Preel 2099, F. S., 4th prize, June, 1903; 4th prize, May, 1904; 4th prize, June, 1906.
 Flukes 378, P. S., 2d prize, May, 1883; 2d prize, May, 1884; 1st prize, June, 1886.
 Foulon Daisy VII 9804, P. S., 3d prize, May, 1912.
 France III 3018, P. S., 1st prize, May, 1894; 1st prize, June, 1895; 3d prize, May, 1896; 2d prize, June, 1897; 1st prize, May, 1899; 1st prize, June, 1900; 1st prize, May, 1901.
 France IV 3533, P. S., 1st prize, May, 1896.
 France V 3727, P. S., 2d prize, June, 1903.
 France VI 4620, P. S., 3d prize, June, 1909.
 France VIII 4555, P. S., 3d prize, June, 1903.
 France XI 4621, P. S., 2d prize, June, 1903; 3d prize, May, 1904; King's Cup, October, 1906.
 France XIII 4934, P. S., 3d prize, May, 1905.
 France XV 4936, P. S., 2d prize, May, 1904; 1st prize, May, 1905.
 France XVI 5206, P. S., 1st prize, May, 1904.
 France XVIII 5741, P. S., 2d prize, May, 1907.
 France XIX 5742, P. S., 1st prize, May, 1905; 3d prize, May, 1907.
 France XX 6237, P. S., 3d prize, June, 1906; 2d prize, May, 1907.

France XXII 6633, P. S., 1st prize, May, 1907; 4th prize, June, 1909.
 France XXVIII 8333, P. S., 1st prize, May, 1910; 1st prize, June, 1911; 1st prize, June, 1912; 1st prize (G. F. A.), 1912; 1st prize, May, 1913; 3d prize, June, 1914; King's Cup, June, 1914; 3d prize, May, 1915; 3d prize, June, 1916.
 France XXXI 8938, P. S., 2d prize, May, 1912; 1st prize (G. F. A.), 1912; 3d prize, August, 1913; 1st prize (G. F. A.), 1914.
 France XXXII 9186, P. S., 2d prize, May, 1913; 1st prize, May, 1915.
 France XXXIX 12486, P. S., 2d prize (G. F. A.), 1914.
 France of Groignet 11613, P. S., 2d prize, May, 1913; 2d prize, August, 1913.
 Priquet Beauty, 2d prize, May, 1891.
 Galaxy II 4671, P. S., 3d prize, September, 1902.
 Galaxy's Honoria 8630, P. S., 3d prize, May, 1910.
 Galaxy's Honoria II 9314, P. S., 4th prize, August, 1912.



Houquette's Fancy 5827, P. S.—1st prize, A. G. A. S., 1907, 1909, 1910.
 King's Cup, 1909.

Gamboge 1057, F. S., 3d prize, May, 1887; 3d prize, May, 1888; 4th prize, June, 1889.
 Garnet of the Manor, 1st prize, May, 1884.
 Gay Lass I 1057, P. S., 2d prize, May, 1888.
 Gay Lass du Braye 6223, P. S., 1st prize, June, 1906.
 Gay Lass du Braye III 8470, P. S., 4th prize, May, 1910.
 Gazelle II des Islets 8796, P. S., 1st prize, August, 1911.
 Gazelle III des Islets 9469, P. S., 1st prize, May, 1913.
 Genera 1374, F. S., 3d prize, June, 1886.
 Gipsy Countess 4952, P. S., 2d prize, June, 1903.
 Gistana II 4541, P. S., 4th prize, May, 1901.
 Glen VII 4960, P. S., 3d prize, June, 1903.
 Gloriot 2778, P. S., 2d prize, May, 1891; 2d prize, June, 1892.
 Glow I of Rose Farm 6605, P. S., 2d prize, June, 1909.
 Golden Beauty of Le Briquet 3422, F. S., 1st prize, June, 1908; 2d prize, June, 1911.
 Golden Beauty III of le Briquet 11700, P. S., 1st prize, August, 1913; 1st prize (G. F. A.), 1914; 1st prize, June, 1914; 4th prize, May, 1915.
 Golden Cherry 2124, F. S., 3d prize, May, 1901.
 Golden Eye III 1992, P. S., 3d prize, May, 1888.

- Golden May of the Gron I 4298, P. S., 2d prize, May, 1899.
 Golden May V of the Gron 5414, P. S., 4th prize, June, 1906.
 Golden Secret 7721, P. S., 4th prize, August, 1913.
 Golden Secret of Ashburton, 4th prize, June, 1914.
 Goldfinder of Ashburton 9680, P. S., 2d prize, May, 1912; 4th prize (Reserve) (G. F. A.), 1912.
 Gold Ring 3140, P. S., 3d prize, May, 1894.
 Goldvein III 5229, P. S., 3d prize, May, 1905.
 Governess II of the Braye 13112, P. S., 2d prize, June, 1914; 1st prize (G. F. A.), 1914; 3d prize, May, 1915.
 Grace of Lilyvale 4881, P. S., 1st prize, June, 1903.
 Groignet Bruiser 14148, P. S., 3d prize, May, 1915.
 Guernsey Lily XXII 11352, P. S., 4th prize, May, 1913.
 Gully VIII 894, P. S., 2d prize, June, 1886.
 Half Moon Lady, 4th prize, May, 1888.
 Hermite 1369, F. S., 2d prize, June, 1889; 2d prize, May, 1890.
 Honesty II of Lilyvale 9844, P. S., 2d prize, June, 1911.



Lady Roberts 2116, P. S.—1st prize A. G. A. S., 1905-06; 2d prize, 1901; 4th prize, 1902.

- Hon. Lady Jebb of the Chene Farm 13958, 2d prize, June, 1916.
 Honoria VII 4200, P. S., 1st prize, June, 1900; 2d prize, May, 1901.
 Hopewell II 4476, P. S., 3d prize, May, 1901.
 Hougue Maid III 8045, P. S., 2d prize, June, 1909.
 Hougue Maid IV, 2d prize, August, 1911.
 Houquette's Fancy 5827, P. S., 1st prize, May, 1907; 3d prize, June, 1908; 1st prize, June, 1909; King's Cup, August, 1909; 1st prize, May, 1910; 4th prize, June, 1911; 3d prize, August, 1912.
 Icart III 3100, P. S., 4th prize, May, 1896.
 Infanta du Braye 7309, P. S., 3d prize, June, 1908.
 Irene of the Capelles 3848, P. S., 1st prize, May, 1894; 2d prize, June, 1897.
 Jane des Baissieres III 4641, P. S., 4th prize, June, 1900.
 Janet of the Rocher II 7015, P. S., 2d prize, June, 1909.
 Jessie VII 1988, P. S., 3d prize, May, 1894.
 Jessy Rose VI 6523, P. S., 4th prize, June, 1908.
 Jink's Baby of the Houquette 2d 12832, P. S., 4th prize (G. F. A.), 1914.
 Jip VI 9955, P. S., 2d prize, August, 1913.
 Jipsen of Les Pelleys de Bas 13819, P. S., 4th prize, June, 1916.
 Joyce 2951, P. S., 2d prize, June, 1892.
 Jubilee Princess 2194, P. S., 4th prize, June, 1889.

Juno 76, F. S., 1st prize, May, 1877; 1st prize, June, 1878.
 Juno III 146, C., 1st prize, May, 1882; 4th prize, May, 1883.
 Ju-tinee I 4054, P. S., 2d prize, May, 1898; 3d prize, June, 1900; 2d prize, September, 1902; 1st prize, June, 1903.
 Kilburn II 1548, P. S., 2d prize, May, 1887.
 Lady, 1st prize, June, 1881.
 Lady Alderney 5682, P. S., 2d prize, June, 1906; 2d prize, June, 1908.
 Lady Alene 1321, P. S., 4th prize, June, 1886.
 Lady Bijou 4814, F. S., 2d prize, August, 1913; 3d prize, May, 1915.
 Lady Bird 47, P. S., 3d prize, May, 1882.
 Lady Butterfield 4385, P. S., 2d prize, June, 1900; 1st prize, May, 1901.
 Lady Cawdor II 4903, P. S., 2d prize, May, 1904.
 Lady Constance 3714, P. S., 1st prize, May, 1896; 4th prize, June, 1897.
 Lady Cora III 1544, P. S., 3d prize, May, 1891.
 Lady de Carteret 3170, 2d prize, May, 1893.
 Lady Douglas II, 3d prize, May, 1882.



Le Fleur du Jardin X 4706, P. S. First prize, 1911-12; 2d prize, 1906;
 King's Cup, 1907.

Lady Emily Foley 82, F. S., 2d prize, June, 1878; 1st prize (London Dairy Show), 1878.
 Lady Forgette VII 10906, P. S., 4th prize, June, 1914.
 Lady Gully I 3738, P. S., 2d prize, May, 1896.
 Lady Helena 1811, P. S., 3d prize, June, 1889.
 Lady Hope 1462, P. S., 3d prize, May, 1883.
 Lady Jane III 160, P. S., 4th prize, May, 1883.
 Lady Jane des Caches 1394, F. S., 2d prize, May, 1885.
 Lady Jane Grey, 3d prize, May, 1883.
 Lady Jane of the Bernanderie IX 3402, P. S., 2d prize, June, 1895; 1st prize, May, 1896.
 Lady Jane of the Naftiaux 1130, F. S., 3d prize, May, 1884.
 Lady Jauncey 5090, P. S., 4th prize, May, 1904.
 Lady Jeannette V 2000, P. S., 3d prize, May, 1890.
 Lady Julia, 3d prize, June, 1886.
 Ladylike II 9133, P. S., 3d prize, August, 1912; 3d prize (G. F. A.), 1912.
 Lady Lily II 880, P. S., 3d prize, May, 1885.
 Lady Mary of the Spurs 4678, P. S., 2d prize, September, 1902.
 Lady Mine 1321, P. S., 1st prize, May, 1887.
 Lady of Les Pelleys 13879, P. S., 1st prize, May, 1915; 3d prize, June, 1916.
 Lady of Orgeris III 11007, P. S., 3d prize (G. F. A.), 1914.
 Lady of Somerset, 2d prize, June, 1903.
 Lady of the Villocq, 4th prize, June, 1895.
 Lady Ovid 100, C., 1st prize, May, 1882.

Lady Ovid VIII 3126, P. S., 3d prize, May, 1893; 2d prize, May, 1894; 3d prize, June, 1895.

Lady Powell 4578, P. S., 3d prize, May, 1901; 4th prize, September, 1902.

Lady Primrose 4878, P. S., 3d prize, June, 1903.

Lady Richmond IV 12198, P. S., 4th prize, June, 1914; 4th prize, May, 1915.

Lady Richmond V 13365, P. S., 2d prize, June, 1916.

Lady Roberts 2116, P. S., 2d prize, May, 1901; 4th prize, September, 1902; 1st prize, June, 1905; 1st prize, June, 1906.

Lady Roberts III 5170, P. S., 3d prize, June, 1906.

Lady Rose of the Adams 323, F. S., 3d prize, May, 1880; 1st prize, June, 1881; 1st prize, May, 1882.

Lady Selwyn II 2322, P. S., 4th prize, May, 1891.

Ladysmith 4375, P. S., 3d prize, May, 1901.

Ladysmith VI of Bickleigh 13563, P. S., 3d prize, May, 1915.

Lady Watson X 2522, P. S., 4th prize, May, 1890.



La Fleur du Jardin XII 5619, P. S.—1st prize, R. G. A. S.; 1st, R. G. A. S., 1912-13; King's Cup, 1911.

Lady White Sea 307, P. S., 4th prize, May, 1883.

La Fleur du Jardin X 4706, P. S., 2d prize, June, 1906; King's Cup, July, 1907; 1st prize, August, 1911; 4th prize, May, 1912; 1st prize, August, 1912.

La Fleur du Jardin XII 5619, P. S., 3d prize, June, 1908; King's Cup, August, 1910; 4th prize, August, 1911; 1st prize, August, 1912; 1st prize, August, 1913; Reserve Silver Cup, August, 1913; 2d prize, May, 1915; Champion Cup (Reserve), May, 1915; 1st prize, June, 1916.

La Fleur du Jardin XVIII 11890, P. S., 4th prize, June, 1914; 1st prize (G. F. A.), 1914.

La Fontaine V, 1st prize, May, 1890.

Lara 1239, P. S., 4th prize, June, 1886.

LaRouge 508, F. S., 4th prize, May, 1884.

Lassie 89, F. S., 1st prize (C. I. E. J.), 1871; 2d prize, 1872.

Laura of the Vauxbelets 6721, P. S., 4th prize, May, 1907.

Laura III of the Vauxbelets 1077, P. S., 4th prize, May, 1912.

Lena II 1844, P. S., 3d prize, June, 1889; 1st prize, May, 1890; 4th prize, May, 1893.

Lena VII 3739, P. S., 2d prize, May, 1896; 2d prize, June, 1897; 4th prize, May, 1898; 4th prize, June, 1900.

- Lenore 3544, P. S., 1st prize, May, 1898.
 Lenore II of Vimiera 8677 A, P. S., 3d prize, June, 1911; 3d prize, August, 1911; 2d prize (G. F. A.), 1912.
 Lenore IV of Vimiera 12271, P. S., 3d prize (G. F. A.), 1914; 1st prize, June, 1914; 3d prize, May, 1915; 2d prize, June, 1916.
 Lenore V of Vimiera 13488, P. S., 2d prize, May, 1915.
 Levonia's Beauty of the Grand Fort 13434, 4th prize, May, 1915.
 Lillia IX 2432, P. S., 3d prize, May, 1893.
 Lillie of the Forest II 2182, P. S., 2d prize, May, 1890; 3d prize, May, 1893.
 Lily, 1st prize, May, 1887.
 Lily, 2d prize, June, 1881.
 Lily, 3d prize, June, 1881.
 Lily II 880, P. S., 1st prize, May, 1884.
 Lily II of Vimiera 12270, P. S., 3d prize, May, 1915.
 Lily III of Vimiera 13432, P. S., 3d prize, June, 1916.
 Lily des Martins I 4050, P. S., 3d prize, May, 1898.
 Lily du Preel II, 4th prize, June, 1895.
 Lily du Preel VI 3742, P. S., 2d prize, May, 1896; 4th prize, May, 1898; 4th prize, May, 1899; 3d prize, May, 1904.
 Lily du Preel XIV 7896, P. S., 3d prize, June, 1909.
 Lily du Preel XV 8214, P. S., 1st prize, June, 1909; 1st prize, June, 1911.
 Lily of les Messuriers 6730, P. S., 3d prize, May, 1907; 2d prize, June, 1908.
 Lily of the Forest 858, P. S., 3d prize, June, 1886.
 Lily of the Spurs IV 3225, P. S., 4th prize, May, 1894.
 Lily Valinquet VII 7029, P. S., 3d prize, June, 1908.
 Lina II 1844, P. S., 1st prize, May, 1888.
 Little Nell II of the Quatre Vents 6669, P. S., 3d prize, May, 1907.
 Little Princess du Braye 12876, 1st prize, June, 1914.
 Lively Janet 3903, P. S., 2d prize, June, 1897.
 Lohiers Polly II 4966, P. S., 3d prize, May, 1910.
 Lois 5744, P. S., 3d prize, May, 1905.
 Lolipop 2480, P. S., 3d prize, May, 1890.
 Lucassienne IV 6079, P. S., 3d prize (G. F. A.), 1914; 4th prize, June, 1914; 1st prize, May, 1913; Silver Cup, May, 1913.
 Lucassienne IV 6079, P. S., 4th prize, June, 1906.
 Luta 1547, P. S., 4th prize, May, 1887.
 Maddie, 4th prize, June, 1879.
 Maggie of the Foulon VII 12641, P. S., 4th prize (G. F. A.), 1914.
 Mahy's Moss Rose III 11462, P. S., 3d prize, May, 1913.
 Maiden Hair 512, 2d prize, May, 1883.
 Maid of the Mist 1580, P. S., 1st prize, May, 1890.
 Maid of the Preel III 1703, P. S., 3d prize, May, 1887.
 Maisie of the Quatre Vents 13315, P. S., 2d prize, June, 1916.
 Margaret of Beaulieu 13033, P. S., 4th prize, June, 1914.
 Martin's Margaret II 10428, P. S., 1st prize, May, 1912; 2d prize, August, 1912; 2d prize, May, 1913; Reserve Silver Cup, May, 1913; 1st prize (G. F. A.), 1912.
 Maybred II, 4th prize, August, 1911.
 May Flower of Rose Farm 3730, P. S., 4th prize, May, 1898.
 May King's Polly of the Frie Baton 11902, P. S., 1st prize, May, 1913; 4th prize, August, 1913.
 May Lady V 3575, P. S., 4th prize, May, 1896.
 May of Calais, 2d prize, May, 1910.
 May Rose 1392, F. S., 3d prize, May, 1885.
 May Rose II 3251, P. S., 1st prize, May, 1894; 2d prize, June, 1895; 1st prize, May, 1896; 1st prize, June, 1897.
 May Rose IX 4295, P. S., 1st prize, May, 1899; 1st prize, June, 1900.
 May Rose of the Masse XII 12429, P. S., 3d prize (G. F. A.), 1914; 2d prize, May, 1915.
 May Rose Pearl II 9284, P. S., 2d prize, August, 1912.
 Merry Gold 38, P. S., 3d prize, May, 1884.
 Mignonette of Vimiera 9244, P. S., 1st prize, June, 1911.
 Mignonette II of La Houquette 3876, P. S., 4th prize, June, 1909; 3d prize, May, 1912.
 Mignonette VI of the Mont Varouf 11508, P. S., 2d prize (G. F. A.), 1914.
 Millicent 632, F. S., 2d prize, May, 1887; 3d prize, June, 1889.
 Millicent II 403, F. S., 4th prize, June, 1886.
 Mimosa III 505, P. S., 3d prize, May, 1884.
 Minnie Palmer 595, P. S., 2d prize, May, 1884.
 Miranda 2993, P. S., 2d prize, June, 1892.
 Miranda II 474, P. S., 2d prize, May, 1883; 1st prize, June, 1886.
 Miranda V 1138, P. S., 1st prize, June, 1886.

- Miranda X 3138, P. S., 2d prize, May, 1899.
 Miranda of Les Caches 3420, F. S., 4th prize, June, 1908.
 Miriam VI 5996, P. S., 2d prize, June, 1909.
 Miss Freda III 9019, P. S., 1st prize, August, 1912; 4th prize (G. F. A.), 1912.
 Miss Freda IV 11925, P. S., 4th prize, May, 1913.
 Miss Reade 1196, F. S., 1st prize, May, 1883.
 Modele, 4th prize, May, 1907.
 Molly Brooks II 1581, P. S., 3d prize, June, 1889.
 Monea III 3101, P. S., 3d prize, May, 1894.
 Moss Rose of the Barras 5219, P. S., 4th prize, May, 1905.
 Moss Rose VII of the Barras 10753, P. S., 2d prize, June, 1914; 3d prize (G. F. A.), 1914.
 Moss Rose IX of the Barras 12351, P. S., 3d prize, June, 1914; 4th prize (G. F. A.), 1914.
 My Lady Mysore III 9287, P. S., 2d prize (G. F. A.), 1912; 1st prize, June, 1914; 4th prize, May, 1915.
 Nancy of Melrose 11583, P. S., 3d prize, May, 1913.
 Nellie des Blancs Bois IX 5468, P. S., 1st prize, June, 1908; King's Prize, August, 1908; 1st prize, June, 1909; 2d prize, May, 1910; 1st prize, June, 1911; 3d prize, August, 1911; 4th prize, May, 1913; 3d prize, June, 1914.
 Nellie's Gem des Blancs Bois 13564, P. S., 2d prize, May, 1915.
 Nelly, 3d prize, June, 1879.
 Nelly, 1st prize, June, 1879.
 Nelly des Bassieres 3071, P. S., 4th prize, May, 1893.
 Nelly of the Ponchez 13971, P. S., 1st prize, June, 1916.
 Noble Lady 4374, P. S., 1st prize, May, 1904.
 Noble Lady of Mayfield 14813, P. S., 2d prize, June, 1916.
 Nora IV 704, P. S., 2d prize, June, 1886.
 Norah, 3d prize, May, 1880.
 Old Maid 1204, F. S., 2d prize, May, 1887.
 Orpheline des Roquettes 5281, P. S., 1st prize, June, 1906.
 Pan d'Or 337, F. S., 4th prize, June, 1881.
 Pauline 3588, P. S., 4th prize, June, 1895.
 Peggie 117, P. S., 4th prize, May, 1884.
 Peri, 3d prize, June, 1881.
 Perichole 3594, P. S., 4th prize, May, 1896.
 Polly 300, F. S., 3d prize, June, 1876.
 Polly, 3d prize, May, 1899.
 Polly VI des Dunes 11178, P. S., 1st prize, May, 1912; 4th prize, August, 1913.
 Polly I of the Beaulin 5913, P. S., 1st prize, May, 1910; 3d prize, June, 1911; 1st prize, May, 1912; 2d prize, August, 1913; His Majesty King George V Cup, August, 1913; 2d prize, June, 1914; 4th prize (G. F. A.), 1914; 4th prize, June, 1916.
 Polly of the Beaulin VI 8567, P. S., 2d prize, June, 1911; 2d prize, August, 1911.
 Polly VII of the Beaulin 9201, P. S., 4th prize, August, 1913.
 Polly VIII of the Beaulin 9550, P. S., 3d prize, August, 1911; 1st prize, May, 1912; 1st prize (G. F. A.), 1912.
 Polly IX of the Beaulin, 3d prize, August, 1913.
 Polly XI of the Beaulin 13013, P. S., 4th prize, June, 1914.
 Poundstock 5811, P. S., 2d prize, May, 1905.
 Poundstock VI 9243, P. S., 3d prize, August, 1912.
 Pre Coe II 1438, P. S., 1st prize, May, 1888.
 Pretoria 4416, P. S., 3d prize, June, 1900.
 Pretty Bess 1840, F. S., 2d prize, May, 1893.
 Pretty Dairy Maid 1460, F. S., 1st prize, June, 1889.
 Pretty Dairy Maid II 1469, F. S., 2d prize, May, 1888; 1st prize, May, 1890; 1st prize, May, 1891; 1st prize, June, 1892.
 Pretty Dairy Maid IV 2084, P. S., 2d prize, May, 1890.
 Pretty Dairy Maid VI 3456, P. S., 1st prize, June, 1895.
 Pretty Polly 3364, P. S., 3d prize, May, 1894; 1st prize, June, 1895.
 Pretty Sukey 1590, F. S., 3d prize, May, 1888.
 Pride II 3001, P. S., 3d prize, June, 1892.
 Pride Daisy of Frie Baton 13006, P. S., 3d prize (G. F. A.), 1914.
 Pride of Bickleigh 3229, F. S., 1st prize, August, 1911; 2d prize, June, 1911; 2d prize, August, 1912; 3d prize, August, 1913.
 Pride of Bickleigh II 7050, P. S., 2d prize, May, 1912; 2d prize, August, 1912.
 Pride of the Ring 4715, P. S., 3d prize, September, 1902.
 Primrose 574, F. S., 4th prize, June, 1881.
 Primrose, 2d prize, May, 1882.
 Primrose, 1st prize, May, 1880.
 Primrose Leaf 10723, P. S., 2d prize (G. F. A.), 1912; 3d prize, August, 1912.

- Primrose Maid of Talbots Valley 15031, P. S., 2d prize, June, 1916.
 Primrose of les Caches 3948, P. S., 4th prize, May, 1899.
 Primrose of the Gree IX 10176, P. S., 1st prize, August, 1913; 4th prize, June, 1914; 4th prize (G. F. A.), 1914.
 Primrose of the Hubits 10962, P. S., 2d prize, August, 1913; Reserve Silver Cup, August, 1913.
 Primrose II of Vimiera 7035, P. S., 1st prize, June, 1909.
 Princess III 4630, P. S., 3d prize, June, 1903.
 Princess II of Les Caches 10625, P. S., 3d prize, May, 1912.
 Princess Ena 6899, P. S., 3d prize, June, 1909.
 Princess May II 1986, P. S., 4th prize, May, 1887.
 Princess May of the Hunguets 4244, P. S., 4th prize, August, 1911.
 Princess May of the Hunguets IV 7574, P. S., 2d prize, May, 1910; 3d prize, May, 1912; 3d prize, May, 1915.
 Princess of the Vauquiedor 7906, P. S., 4th prize, May, 1910; 4th prize, August, 1911.
 Princess of the Vauquiedor IV 10439, P. S., 3d prize, August, 1913.
 Princess Phoebe 3396, P. S., 1st prize, June, 1895.
 Princess Rhea 3896, P. S., 3d prize, June, 1897.
 Quartier's Favorite III 3829, P. S., 2d prize, May, 1898.
 Queen 266, F. S., 1st prize, May, 1877; 4th prize, June, 1878; 1st prize, June, 1879; 4th prize, May, 1880.
 Queen of Honour 147, P. S., 4th prize, May, 1888.
 Queen of La Ramee 3066, F. S., 3d prize, June, 1906.
 Queenie of the Belles 8027, P. S., 2d prize, June, 1911.
 Rancee 119, F. S., 2d prize, June, 1881; 3d prize, May, 1875; 2d prize, June, 1876.
 Raymond's Blue Bell of the Preel, 2d prize (G. F. A.), 1912.
 Raymond's Daisy of Frie Baton 10069, P. S., 1st prize, May, 1912; 1st prize, August, 1912; 1st prize (G. F. A.), 1912; 1st prize, August, 1913.
 Red Rose 1003, F. S., 2d prize, May, 1883.
 Reta, 4th prize, May, 1884.
 Rhoda II 277, F. S., 1st prize, June, 1878.
 Richesse du Chene II 2958, P. S., 3d prize, June, 1897.
 Richesse of Alderney 2068, F. S., 1st prize, June, 1897; 1st prize, May, 1899.
 Richette II 4756, P. S., 4th prize, September, 1902.
 Ringdale Bella II 4441, P. S., 2d prize, September, 1902.
 Rochina III of Bickleigh 13204, P. S., 1st prize, June, 1916.
 Rosa, 1st prize, May, 1884.
 Rosabelle II, 3d prize, May, 1887.
 Rosalinde II 334, C. 3d prize, May, 1883.
 Rosalind VII 2925, P. S., 2d prize, June, 1895.
 Rose, 3d prize, May, 1912.
 Rosebud IV 1037, A. G. G. C., 1st prize, May, 1880.
 Rose di la Mare 3340, P. S., 1st prize, May, 1894; 2d prize, June, 1895.
 Rose of Frie Baton 9628, P. S., 4th prize, August, 1911.
 Rose of Gold 3668, P. S., 3d prize, May, 1896; 1st prize, May, 1898; 1st prize, September, 1902.
 Rose V of the Barras 5565, P. S., 1st prize, June, 1906.
 Rose of Talbots Valley 14842, P. S., 4th prize, June, 1916.
 Rose of the Blicqs 2178, F. S., 3d prize, September, 1902.
 Rose of the Friquet II 804, P. S., 2d prize, May, 1885.
 Rose of the Preel 4149, P. S., 4th prize, May, 1898.
 Rosetta, 3d prize, May, 1880.
 Rosetta, 3d prize, May, 1882.
 Rosetta, 1st prize, June, 1879.
 Rosetta II of the Vauxbelets 8652, P. S., 4th prize, June, 1911; 4th prize (G. F. A.), 1912; 4th prize, May, 1913.
 Rosie II, 1st prize, June, 181.
 Rosey des Landes II, 1st prize, June, 1889.
 Rosy, 2d prize, May, 1905.
 Rosy de la Perrelle 5226, P. S., 4th prize, June, 1906.
 Rosy des Caches II 1113, 2d prize, May, 1887.
 Rosy of Les Mauxmarquis 3349, F. S., 2d prize, May, 1910.
 Rosy II of the Camp 11035, P. S., 4th prize, May, 1913.
 Rosy of the Haut Pave 1741, F. S., 4th prize, June, 1892.
 Rosy of the Vauxbelets 2538, F. S., 4th prize, June, 1908; 4th prize, May, 1910; 2d prize, May, 1913; Reserve Silver Cup, May, 1913.
 Rosy III of the Vauxbelets 8076, P. S., 3d prize, June, 1911.
 Rosy IV of the Vauxbelets 9416, P. S., 3d prize, June, 1911.
 Rouge XII 3029, P. S., 3d prize, June, 1895.
 Rougette of La Croix, 3d prize (G. F. A.), 1912.

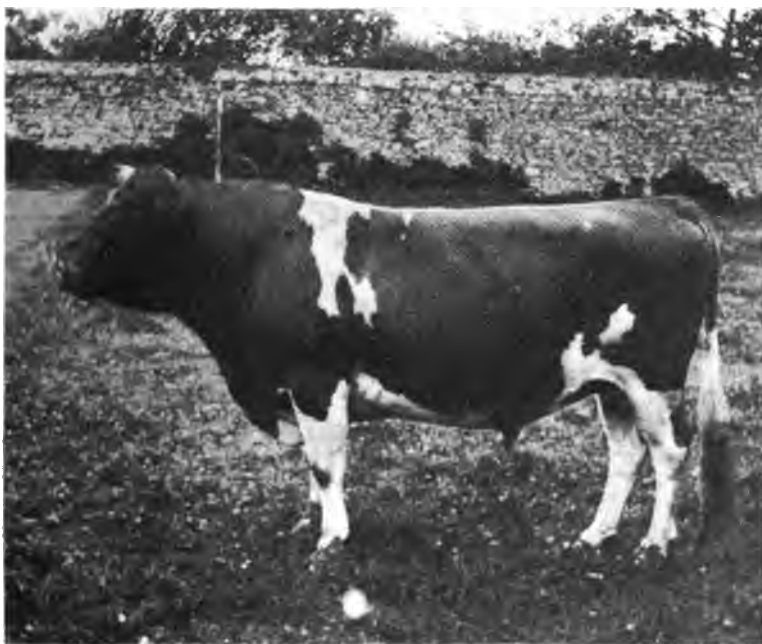
- Roussaillerie Lady 8000, P. S., 4th prize, June, 1914.
 Royal Daisy 4287, P. S., 1st prize, May, 1899; 4th prize, May, 1901.
 Royal Dairy Maid 3821, P. S., 2d prize, May, 1897.
 Royal Maid of Sea View Farm 4548, P. S., 1st prize, May, 1901.
 Royal Princess Cora III of l'Etiennerie 5301, P. S., 2d prize, May, 1907.
 Rozel Lass 1985, P. S., 2d prize, June, 1889.
 Ruby's Princess 4014, P. S., 1st prize, May, 1898.
 Ruddy IV 13381, P. S., 1st prize, May, 1915.
 Sally IV 835, P. S., 4th prize, June, 1903.
 Sans Souci II, 1st prize, May, 1887.
 Sarkey IV 3724, P. S., 3d prize, May, 1896.
 Sarnia's Dream, F. S., 2d prize, August, 1911.
 Sarnia's Dream 4346, P. S., 2d prize, June, 1914.
 Sea Belle 3d 3311, P. S., 3d prize, May, 1896; 2d prize, June, 1900.
 Sea Belle VI 4305, P. S., 4th prize, June, 1900; 4th prize, May, 1901; 3d prize, May, 1905.
 Sea Belle IX 5448, P. S., 4th prize, May, 1907.
 Sensitive VI 5165, P. S., 2d prize, May, 1905.
 Sequel's Belle II 9633, P. S., 4th prize, June, 1914.
 Sequel's Bountiful 4038, F. S., 2d prize (G. F. A.), 1912; 2d prize, August, 1913.



Alderney Cattle Show, 1906.

- Sequel's Bounty II 9072, P. S., 2d prize, May, 1915.
 Sequel's Honoria 6722, P. S., 3d prize, May, 1910; 4th prize, August, 1913;
 Reserve His Majesty King George V Cup, August, 1913.
 Sequel's Nellie of the Vrangue 14536, P. S., 1st prize, June, 1916.
 Spot III, 4th prize, June, 1889.
 St. Andraise III 384, C., 3d prize, May, 1882.
 Star I 429, F. S., 1st prize; 3d prize, June, 1881.
 Star II 127, P. S., 2d prize, May, 1882; 3d prize, May, 1883.
 Star IV 703, P. S., 1st prize, May, 1885; 1st prize, June, 1886.
 Star of Lillyvale 3186, P. S., 2d prize, May, 1893.
 Star of the West 501, P. S., 2d prize, May, 1885; 2d prize, June, 1886.
 Stella, 4th prize, May, 1882.
 Success 324, F. S., 2d prize, June, 1881.
 Sundari II 14, P. S., 2d prize, June, 1881; 4th prize, May, 1882.
 Sundari III 268, P. S., 1st prize, May, 1885.
 Sundari VIII 2932, P. S., 4th prize, May, 1894.
 Sundari XXI 4740, P. S., 2d prize, May, 1905.
 Supreme 1761, F. S., 2d prize, June, 1889.
 Surahbi VI 4222, P. S., 1st prize, June, 1900.
 Sweet Bessie, 4th prize, May, 1888.

Sweet Lily of l'Etiennerie 5715, P. S., 2d prize, June, 1906.
 Sweet Marie II 4853, P. S., 4th prize, June, 1903; 1st prize, May, 1904.
 Sylvia IV of the Vauxbelets 12671, P. S., 4th prize, June, 1914; 1st prize, May, 1915; Champion Cup for Reserve, May, 1915; 4th prize, June, 1916.
 The Duchess 1360, F. S., 4th prize, May, 1887.
 The Nun 616, F. S., 4th prize, May, 1883.
 Topsy of the Grandes Capelles 4735, P. S., 1st prize, June, 1903.
 Tourterelle 3886, P. S., 1st prize, June, 1897.
 Tourterelle XV 10251, P. S., 4th prize, August, 1912.
 Trusty III 3178, P. S., 3d prize, May, 1893.
 Tulip II, 2d prize, May, 1880.



Chieftain 62, F. S. Wniner of Alderney States prize, 1906, and reserve for King's Cup, 1907; King's Cup, 1905.

Tulip of Les Caches 2067, F. S., 3d prize, May, 1899.
 Type No. II 153, F. S., 1st prize, May, 1880.
 Una 249, P. S., 2d prize, May, 1883; 1st prize, May, 1884.
 Una II 741, P. S., 4th prize, June, 1886.
 Unity 1576, F. S., 1st prize, May, 1888; 1st prize, June, 1889; 3d prize, May, 1890; 2d prize, May, 1891; 3d prize, June, 1892.
 Unity I 3000, P. S., 1st prize, May, 1893.
 Valentine III 7514, P. S., 3d prize, May, 1913; 1st prize, June, 1914; King's Cup, 1914; 1st prize (G. F. A.), 1914; Challenge Cup for Reserve, May, 1915; Champion Cup, May, 1915; Challenge Cup, May, 1915; 1st prize, May, 1915; 2d prize, June, 1916.
 Valentine Antoniette 252, P. S., 2d prize, June, 1892.
 Vrangue's Favorite 1923, P. S., 3d prize, May, 1891.
 Vrangue's Favorite IV 1923, P. S., 1st prize, May, 1893; 2d prize, May, 1894; 3d prize, June, 1895; 4th prize, May, 1896.
 Vespasia IV 2967, P. S., 2d prize, June, 1892; 2d prize, May, 1893.
 Vesta VI 625, P. S., 1st prize, May, 1883; 3d prize, May, 1885.

Vesta VII 629, P. S., 1st prize, May, 1883; 4th prize, May, 1885.
 Vesta VIII 631, P. S., 3d prize, May, 1884.
 Vestall 686, F. S., 3d prize, May, 1883.
 Via Dolorosa 2025, F. S., 3d prize, May, 1898.
 Victory of the Vauxbelets 3019, P. S., 1st prize, June, 1892.
 Villa Rica I 3741, P. S., 1st prize, June, 1897.
 Vilette Lady II 1300, P. S., 4th prize, May, 1888.
 White, 2d prize, June, 1879.
 White Eyes III 1284, P. S., 2d prize (G. F. A.), 1914; 3d prize, June, 1914.
 White Face V 10495, P. S., 2d prize, May, 1912; 3d prize (G. F. A.), 1912.
 Whitish, 2d prize, May, 1880.
 Yoland 411, F. S., 3d prize, June, 1879; 1st prize, May, 1880.
 Yolland VI 2268, P. S., 1st prize, May, 1891.



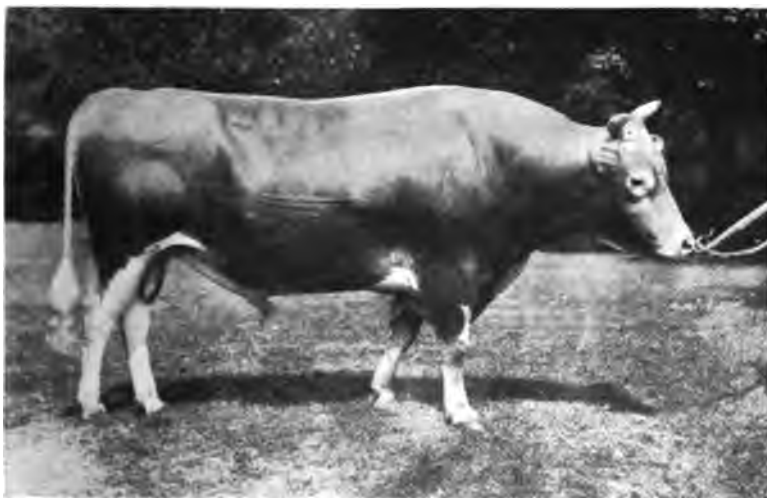
Masher 63, F. S. First prize, King's Cup, R. A. A. S. Sire of 32 A. R. cows and four A. R. bulls.

The following is a list of the awards made at Alderney shows since 1906, the date of the first show at which the animals had names and registry numbers.

Bulls.

Admiral Togo 53, P. S., King's Cup Reserve, 1908; King's Cup, 1909.
 Aster 85, P. S., Challenge Cup Reserve, 1911; 1st prize, 1911; 3d prize, April, 1912.
 Caesar 89, P. S., 3d prize, September, 1910; 4th prize, 1911; 3d prize, 1911.
 Chieftain 62, F. S., King's Cup Reserve, 1907.
 Chieftain II 73, P. S., R. A. A. S. Cup, 1909; 2d prize, April, 1910; 3d prize, September, 1910.
 Colonel 95, P. S., 3d prize, 1911; 4th prize, April, 1912; 3d prize, 1912; 1st prize, 1913; Meany Cup, 1913; King's Cup, 1913; Reserve for Mesny Cup, 1915; 2d prize, 1915.
 Dasher 140, P. S., 3d prize, 1911.
 Dasher of Chateau a l'etocq 179, P. S., 3d prize, July, 1914.
 Douglas 204, P. S., 1st prize, May, 1915.
 Duke of Montrose 90, P. S., 1st prize, April, 1912; Reserve for King's Cup, 1913.
 Duke of Portland 143, P. S., 4th prize, April, 1912.
 Duke of Sage 123, P. S., 3d prize, 1912; 4th prize, 1913.
 Duke of the Rochers 94a, P. S., 4th prize, April, 1910; 2d prize, September, 1910; Special Cup, 1910; 2d prize, 1911; 4th prize, 1911.
 Duke of York 186, P. S., 2d prize, July, 1914.

Eda's Noble of Dairy Farm 117, P. S., 2d prize, 1911; 4th prize, April, 1912.
 Emperor of Quesnard 194, P. S., 2d prize, July, 1914; 1st prize, July, 1915;
 Robillard Cup, July, 1915.
 Freedom 58, F. S., King's Silver Cup, 1906.
 Governor of Balmoral 151, P. S., 1st prize, 1912; 1st prize, 1913; Reserve for
 Champion (Robillard Cup), 1913; King's Cup, July, 1914; 1st prize, July, 1914;
 Me ny Cup, July, 1915; 1st prize, July, 1915.
 Kitchener of Blaye Farm, 2d prize, July, 1915.
 Lord Raglan 74, P. S., V. H. C., 1909.
 Lord Roberts of Rose Farm 155, P. S., 4th prize, 1912.
 Maggie's Sequel 104, P. S., 3d prize, April, 1912; 1st prize, 1912.
 Marnell 69, P. S., 4th prize, 1911.
 Masher 63, F. S., King's Silver Cup Reserve, 1906; King's Silver Cup, 1907.
 Masher of Rose Farm 75, P. S., 1st prize, April, 1910; 1st prize, 1911; 3d prize,
 1911; 1st prize, April, 1911; 2d prize, 1912; 2d prize, 1913.
 Masher of the Mill 70, F. S., 1st prize, April, 1910.



Prince 58, P. S. (Prince of Sarnia 22000).

Masher's Pride of Dairy Farm 82, P. S., 1st prize, September, 1910; 1st prize,
 1911.
 Master of Les Chevaliers, 3d prize, July, 1915.
 Nelson of Old Corblets 126, P. S., 4th prize, 1911.
 Nelson II 52, P. S., King's Cup, 1908.
 Nelson of the Cacheliere 174, P. S., 2d prize, 1912; 4th prize, July, 1914; 3d
 prize, July, 1915; King's Cup for Reserve, 1915.
 Nelson II of the Cacheliere 184, P. S., 3d prize, July, 1914; 2d prize, July, 1915.
 Nelson of the Rochers, 1st prize, July, 1915.
 Noble 145, P. S., 3d prize, April, 1912.
 President 107, P. S., 1st prize, 1911; 4th prize, 1912.
 Prince 58, P. S., R. A. A. S. Cup Reserve, 1908; King's Cup Reserve, 1909;
 1st prize, April, 1910; King's Cup, April, 1910; 1st prize, September, 1910; 1st
 prize, 1911; Challenge Cup, 1911; 1st prize, 1911.
 Prince 84b, P. S., 2d prize, April, 1910; 3d prize, September, 1910.
 Prince II 175, 1st prize, 1912; 2d prize, July, 1914.
 Prince Albany 65, P. S., R. A. A. S. Cup, 1908.
 Prince Alfred 81, P. S., 3d prize, April, 1910.
 Prince Louis 147, P. S., 3d prize, 1912.
 Raymond 60, P. S., R. A. A. S. Cup Reserve, 1909; 3d prize, April, 1910; 2d
 prize, September, 1910; 2d prize, 1911; 2d prize, 1911; 1st prize, 1912; 3d prize,
 1913.

Raymond III 111, P. S., 2d prize, April, 1912; 2d prize, 1912; 3d prize, July, 1914.

Raymond IV, 2d prize, 1912; Reserve for King's Cup, July, 1914; 2d prize, July, 1914; King's Cup, July, 1915.

Raymond of Carriere Viron 98, P. S., 2d prize, April, 1912; 4th prize, 1912.

Raymond of Blaye Farm 156, P. S., 2d prize, 1911; 1st prize, April, 1912; 1st prize, July, 1914; 2d prize, July, 1915; Robillard Cup Reserve, 1915.

Robert of Rose Farm 155, P. S., 2d prize, April, 1912.

Rob Roy of Balmoral 165, P. S., 1st prize, July, 1914.

Sir Hambro 195, 1st prize, July, 1914.

Sir Harcourt 96, P. S., King's Cup Reserve, 1910; 1st prize, September, 1910.

Timothy 88, P. S., 2d prize, September, 1910.



Raymond 60, P. S., R. A. A. S. (Alderney Raymond 26357, A. G. C. C.)

Victor Hugo, 3d prize, July, 1915.

Victory 91, P. S., 3d prize, 1911; 2d prize, 1911.

Vincent of Cacheliere, 3d prize, 1912.

Cows and Heifers.

Allen's Daisy 1485, P. S., 4th prize, August, 1914.

Ann Minnie of Dairy Farm, 3d prize, July, 1915.

August of the Brayes, 1st prize, July, 1915; Osmund Cup, July, 1915; Reserve, Mignot Cup, 1915.

Beauty 492, F. S., V. H. C., 4th prize, 1908; King's Cup Reserve, 1910; 1st prize, September, 1910; Special Cup, 1910; Challenge Cup, 1911; 1st prize, 1911; 1st prize, 1912; 1st prize, 1913; Champion-N. Barbenson Cup, 1913; Thorley prize, 1913.

Beauty II 823, P. S., R. A. A. S. Cup Reserve, 1909.

Beauty of the Grands Coutils 1190, P. S., 4th prize, 1912.

Betay of Quesnard II 1088, P. S., 4th prize, 1910.

Cherry 488, F. S., 3d prize, V. H. C., 1908; 3d prize, July, 1915; Barbenson Cup, July, 1915; King's Cup, 1915.

Cherry III 827, P. S., V. H. C., 1st prize, 1908.

Cherry of Dairy Farm 1732, P. S., 4th prize, August, 1914.

Cherry of the Coignet 504, F. S., 2d prize, 1910; 2d prize, 1912.

Cherry of the Old Mill 1516, F. S., 1st prize, August, 1914; Reserve 4th prize, July, 1915.

Dairymaid 478, F. S., 4th prize, September, 1910; Reserve for King's Cup, 1913; 4th prize, July, 1914.

Dairymaid of the Bigard II 1376, P. S., 4th prize, 1913; 2d prize, August, 1914; 2d prize, July, 1915.
 Daisy 431, F. S., R. A. A. S. Cup Reserve, 1908.
 Daisy II 794, P. S., 1st prize, July, 1915; King's Cup Reserve, July, 1915.
 Daisy II 1019, P. S., King's Cup, July, 1914; 3d prize, July, 1914.
 Daisy Isabel I, 4th prize, July, 1915.
 Daisy of Carriere Viron 1445, P. S., 2d prize, 1913.
 Daisy of Metron, 4th prize, July, 1915.
 Daisy of the Brayes II 1149, P. S., 1st prize, 1910; 1st prize, 1912.
 Daisy IV of Vaux Renier 1356, P. S., 3d prize, August, 1914.
 Doris of the Brayes 596, F. S., 2d prize, 1910.
 Duchess of the Marais 1145, 3d prize, 1911.



Beauty 492, F. S.

Duchess of Kent of the Marais 1158, P. S., 3d prize, 1912.
 Fanny II 817, P. S., R. A. A. S. Cup, 1909.
 Fanny III 1109, P. S., 1st prize, 1913.
 Fanny IV 1248, P. S., 2d prize, July, 1914; 2d prize, July, 1915; Reserve for Barbenson Cup, July, 1915.
 Felicite de la Heche 1066, P. S., 3d prize, 1912.
 Felicite de la Heche IV 1793, P. S., 1st prize, July, 1915; Gaudion Cup, July, 1915; Murdock Cup, July, 1915.
 Flora II 849, P. S., 3d prize, September, 1910.
 Flower of Tamworth III 1211, P. S., 1st prize, July, 1914.
 Flower of Tamworth IV 1478, P. S., 2d prize, 1913.
 Fillpail IV 1183, P. S., 4th prize, 1913.
 Gladys of Blaye Farm 1150, P. S., 4th prize, 1911.
 Hardy's Luck 1490, P. S., 3d prize, 1913.
 Honeydew of Vaux Renier, 1st prize, July, 1915.
 Jenny of Marnes 1169, P. S., 4th prize, 1911.
 Lil II 1031, P. S., 1st prize, 1911.
 Kitty I 987, P. S., 2d prize, 1912.
 Lady Duchess 814, P. S., V. H. C. 4th prize, 1908.
 Lily of Highland, 2d prize, July, 1915.
 Lively II 346, F. S., King's Cup Reserve, 1909; 4th prize, September, 1910; 3d prize, 1911.
 Lizzie II 1186, P. S., 3d prize, 1913; 3d prize, July, 1914.
 Lucy II 785, P. S., 1st prize, 1910; Special Cup, 1910.
 Mabel 330, F. S., V. H. C. 1st prize, 1909; King's Cup Reserve, 1910; 2d prize, September, 1910; Challenge Cup Reserve, 1911; 2d prize, 1911; 2d prize, 1912.
 Mabel IV 1177, P. S., 3d prize, 1913.

- Mabel of Cacheliere 1578, P. S., 4th prize, 1913.
 Maggie 327, F. S., King's Silver Cup Reserve, 1906; V. H. C. 3d prize, 1908.
 Maggie II 847, P. S., V. H. C. 3d prize, 1909.
 Maggie of the Courtils II 1416, 4th prize, July, 1914.
 Marie de la Heche 1065, P. S., 1st prize, September, 1910.
 Mignonette VII 973, P. S., 3d prize, 1910.
 Minnie 378, F. S., 3d prize, 1913.
 Minnie Ann of Dairy Farm, 2d prize, July, 1915; Reserve Gaudion Cup, July, 1915.
 Minnie Sharp 981, P. S., 2d prize, 1911.
 Molly 866, P. S., 3d prize, 1910.
 Nellie 446, F. S., Reserve for King's Cup, 1914.
 Nellie III 762, P. S., King's Cup Reserve, 1907; King's Cup Reserve, 1908; King's Cup, 1909.



Fanny 2d 817, P. S. R. G. A. S. Cup, 1907.

- Nellie du Lubin, 1st prize, 1913; Osmond Cup, 1913.
 Nellie III of the Lubin 1640, P. S., 1st prize, August, 1914; Reserve Osmond Cup, July, 1915; 2d prize, July, 1915.
 Nellie of Venelles des Gaudions 1446, P. S., 3d prize, July, 1915.
 Nelly 393, F. S., King's Silver Cup, 1907.
 Nelly 396, F. S., King's Silver Cup, 1906.
 Oliver IV 889, P. S., 4th prize, 1910.
 Oliver V 975, P. S., 1st prize, 1911.
 Parmentier VI 1325, P. S., 1st prize, July, 1914.
 Phillippee III 1539, P. S., 3d prize, 1913.
 Philippe IV 1703, F. S., 2d prize, August, 1914; Reserve 4th prize, July, 1915.
 Polly 336, F. S., V. H. C. 2d prize, 1909; 4th prize, 1911.
 Polly 463, F. S., King's Cup, 1908; 3d prize, September, 1910.
 Polly II 790, F. S., 3d prize, 1912; 2d prize, July, 1914.
 Polly II 343, F. S., 2d prize, V. H. C., 1908; 3d prize, V. H. C., 1909.
 Polly III 992, P. S., 1st prize, 1912; 2d prize, 1913; King's Cup, 1913; 1st prize, July, 1914; 4th prize, July, 1915.
 Polly IV 1188, P. S., 2d prize, 1913.
 Polly IV 1286, P. S., 1st prize, 1913; Osmond Cup, 1913; 4th prize, July, 1914.
 Polly III of the Marette, 1st prize, July, 1915; Osmond Cup, July, 1915.
 Primrose V 1527, P. S., 1st prize, 1913; N. W. Gaudion Cup, 1913; 3d prize, August, 1914.

Princess Ena of Melrose 1125, P. S., 2d prize, 1911.
 Princess of the Courtills 1249, P. S., 2d prize, 1913.
 Princess Margaret, 1st prize, July, 1915.
 Princess Patricia II 1679, P. S., 3d prize, July, 1915.
 Rose 1010, P. S., 3d prize, 1911.
 Rose 531, F. S., 4th prize, 1912.
 Rose of the Brayes 1510, P. S., 2d prize, July, 1915; Reserve for Osmond Cup, 1915.
 Rose of Venelle Jeanette 1443, P. S., 4th prize, 1912.
 Rosie 429, F. S., V. H. C. 4th prize, 1909.
 Sharp III 879, P. S., R. A. A. S. Cup, 1908.
 Trixie 1676, P. S., 2d prize, August, 1914; 3d prize, July, 1915.
 Violet of the Val du Sud 1645, P. S., 3d prize, August, 1914.
 Whitey II 796, P. S., 2d prize, September, 1910.



Lively 2d 3846, F. S. King's Cup, R. A. A. S., 1909. First prize, West United Show, Guernsey, 1915.

On Guernsey at a special animal show the King of England offers cups for the two best bulls and a cup for the best cow. On Alderney the king offers cups for the best bull and the best cow, which are awarded at the annual summer show. On Sark a king's cup is awarded to the best animal at their annual show.

An animal may win the king's cup but once. Thus in the above list of prizes Governor of the Chene, for example, won the king's cup in July, 1907, and, though he won first prize again in August, 1913, the king's cup was awarded to Raymond's Pearl King. These cups are, of course, much coveted, not only because they indicate that the animal won first prize but also because they represent the interest of His Majesty in their shows.

The first interest in a herd book was manifested in 1876, when a few gentlemen proposed a book in which the entries should be limited to animals in which they were interested. A list of some 170 animals was published in 1879 under the name of "The Guernsey Herd Book." The total number registered by them was 36 bulls and 297 cows with their produce, selected from about 50 herds. The following quotation from



Mabel 330, F. S. 1st prize, 1909.

the introduction to Vol. I. of the Herd Book of the Royal Guernsey Agricultural Society continues the history of the development of the registry:

"The question was by this time seriously entertained in committee whether a Herd Book ought not to be issued under the auspices of the Royal Guernsey Agricultural Society. Then the promoters of the existing registry offered to hand over their work to the society, which, after careful deliberation, was eventually accepted by a general meeting of its members. It was also decided that all bulls and milch cows that had been awarded prizes by the society since the year 1877 should be added to the list as qualified stock. At subsequent meetings it was further resolved—in order that no really good specimens may be excluded from the registry—

that opportunities of admission should be afforded by the establishment of local shows in different parts of the island, where animals belonging either to members or non-members might be examined and, if qualified, registered.

"It was found that the majority of qualified cows were the progeny of bulls that had been awarded prizes by the society prior to the period from which the registry was supposed to date, amongst which were some of the finest strains that our breed has ever produced. These have been incorporated (Nos. 27 to 94), thereby enabling breeders in many cases to trace crosses for at least 10 years."



Nellie III 762, P. S.—King's Cup, 1909; King's Cup, Reserve, 1907-08.

Among the by-laws adopted were those requiring that "the same name shall not be given to more than one animal except with a prefix or suffix." This rule has never been enforced, and much confusion has been the result.

By-law 4 requires:

"The proprietors of Herd Book stock shall, within 24 hours after the calving of a cow or heifer, belonging to such stock, obtain the attestation of a member of the Royal Guernsey Agricultural Society to a certificate proving that the calf is the offspring of such cow or heifer, according to Form A.

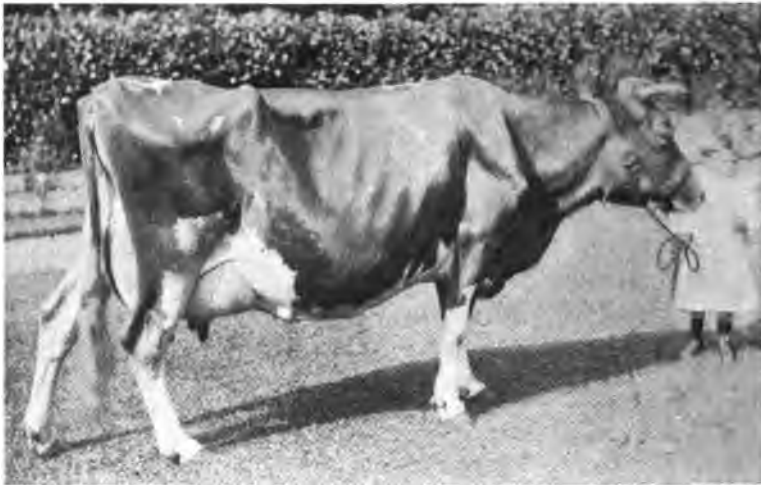
"Any person detected as having made a false declaration, or having participated therein, shall forfeit the advantages of the Herd Book, and the false entry shall be erased therefrom."

By-law 5 requires:

"The proprietors of qualified bulls shall keep a correct entry

(for the information of the committee when required) of all cows and heifers which may have been served by their bulls, according to Form B, and deliver to the owner of each animal served a duplicate of the same. Serving fee to members not less than 2s. 6d; to non-members, not less than 5s."

More or less jealousy and differences of opinion seem to have existed among the island farmers, as a result of which Part 1 of the "General Herd Book of the Island of Guernsey" was issued in 1881, and this rival publication was kept up for about 15 years. In the meantime the Herd Book of the Royal Guernsey Agricultural Society gradually increased in general



Nellie 393, F. S., on Alderney (Dairy Maid of the Preel 3268, F. S. on Guernsey. Itchen Dairy Maid 7688, E. H. G. B.) First prize, King's Cup, Alderney, 1907. First prize, English Royal, 1908.

recognition, not only on the island itself but more especially by the American Guernsey Cattle Club.

The preface from Vol. I of the "General Herd Book" is well worth reading because of references to purity of blood, color, and prizes. It is as follows:

"A few words are necessary to explain the nature and object of the Herd Book, of which the first part is now issued, especially in view of the circumstance that another publication bearing the same name, but of quite different character, has already appeared.

"The purposes of a Herd Book are, firstly, to register pure-bred stock, and secondly, by recording pedigrees, to enable the scientific breeder to follow and select the strains of blood which he deems most valuable. In carrying out this design in the leading herd books of

Great Britain and America it is left to the owners to register such animals as they think fit, subject only to the condition of proving their purity of breed.

"But in the Channel Islands, where purity of blood is secured by laws prohibiting importation of breeding stock, it had occurred to some persons to make an entirely different idea form the basis of a Herd Book. Following a suggestion which was first started in Jersey, a few gentlemen in Guernsey, about five years ago, proposed a Herd Book in which the entries were to be limited to animals which they themselves should approve. They inserted some which were already dead, and took for their standard of living ones their own ideas as to external appearance, together with the 'milk test' invented by M. Guenon, a Frenchman, who conceived he had discovered an infallible criterion of the quantity of milk a cow would yield in the direction of certain lines of hair between the udder and the root of the tail. Of this discovery it is sufficient to say that, whether successful or not with French breeds, it is proved to be entirely fallacious when applied to Guernsey cows. A list of some 170 animals, made up on these principles, was published in 1879 under the name of 'The Guernsey Herd Book,' and a second part was subsequently issued.

"The great majority of Guernsey farmers, however, held aloof from this scheme; and dissatisfaction with the results of the judging caused some of its first supporters to leave it. In 1881 its projectors offered to hand it over to the Royal Agricultural and Horticultural Society of the Island. That body, by a narrow majority, in which a number of persons who were not owners of stock were included, decided to take over the publication insofar as it had already proceeded; to add to it its own show prize lists of the two preceding years; and to carry it on for the future by inserting only the names of such animals as might take prizes at future shows. These exceeded 100 in each year, prizes being given to considerably more than half of the number exhibited. But still further to augment the number to be inscribed in the Herd Book as winners of prizes, it was resolved to hold parish shows, at which no money prizes should be given, but every animal passed by the judges should be entitled to be registered in the Herd Book on the same footing as if it had taken a prize at the principal show.

"A numerous meeting of Guernsey farmers, held immediately after these resolutions were passed, expressed their dissatisfaction with the arrangements thus made. It was felt that, while they lowered, or destroyed, the value of honors gained at the island shows, they still subjected any Herd Book founded on them to the mischief involved in the fact that selection would be founded on mere external appearance. While the importance of this element was fully admitted, it was considered that, in the case of a breed of which the special excellence lies in the quality as well as the quantity of the milk, exclusive regard to external points was not merely a fallacious test, but one likely to result in deterioration. It was further recognized that many of the most careful breeders in Guernsey had for this very reason never exhibited at the annual shows, and that a book which should exclude their herds would be no fair representative of the best island stock. Instances were recalled in which, both by the judges for the herd book in question and by those of the agri-

cultural society, grave errors have been made in approving good looking animals of inferior milking quality and of indifferent breed, while rejecting others which in all essential respects were superior. It was held that a check would be given to real progress if the judgment of breeders as to their own stock were to be superseded by that of strangers, and if admission to an official Herd Book was made to depend on conformity to the fancies of a few individuals. It was, therefore, resolved that any such method of selection of breeding stock would be delusive and injurious, and that the best course was to establish a general Herd Book for the Island of Guernsey, based simply on the principles on which those of Great Britain and America are founded, and, therefore, open to all stock which might be proved to possess the qualification of purity of race. From such a register it was believed that breeders would be able to select the strains which they deemed best suited to their purpose, and purchasers would not be misled by any alleged superiority beyond what they had the means of verifying. Rules for the formation of such a Herd Book were approved by the meeting, and a committee was appointed to superintend its preparation. The first part is now submitted to the public.

"The committee will only add that the experience, even of the first year, has shown that owners do not enter their stock indiscriminately, but that in nearly all instances they limit themselves to those which they consider to be their best. If the pedigrees given are short, it does not indicate that care has not been bestowed on breeding hitherto, but arises from the fact that it has not been customary to keep a written record. So also the notice of honors obtained by the progenitors is frequently omitted, for the double reason that, not being greatly esteemed, no note has been preserved of them, and that, as the stock exhibited at the island shows have not been even distinguished by names till within the last two years, it would not be possible to ascertain with certainty whether honors have been awarded or not. But the committee feels confident that the Herd Book now inaugurated will lead to the general preservation of more accurate records of breeding, and to the fuller recognition, both in the island and elsewhere of the value of strains of which judicious breeding has already in numerous instances laid the foundation.

"The colors of the Guernsey breed include white, red and black, in any mixture and shade, except roan, no instance of which is known to have occurred. Brindle is not uncommon, the nose may be either white or black."

The volumes of this "General Herd Book" show that the work was incompletely done, and without doubt more rapid advancement was made in the improvement of the breed when this book was discontinued and all the effort put into one book. The American Guernsey Cattle Club ceased to recognize the General Herd Book in 1902.

Because of the fact that no card index or other alphabetical list of the animals registered in the Herd Book was kept, it was impossible to tell whether any name chosen by a breeder for a calf he was offering to register had previously been

used or not, and so much duplication of names resulted. Only as recently as the year 1914 have the records on the island been put in such shape that duplication of names will not continue.

Reference is made in the quotation from the Royal Guernsey Agricultural Society Herd Book to the establishment of local shows, which have also contributed much to the development of the breed on the island. The plan was that such cows as had not won prizes at the annual island shows, and were, therefore, not eligible to entry in the Herd Book could be shown at a so-called local show, and, if approved by the committee, they were admitted as foundation stock. Such local shows are held as often as there is a demand for them, and when the secretary reports such a call the herd book committee advertises two weeks in advance that on the day named and at a certain hour they will be at each of several points in the different parishes, usually near the parish church. The farmers then bring in their unregistered cows to be passed upon by the committee, which, if approved, are admitted as foundation stock, and their progeny are then eligible as pedigree stock, regardless of their individual merit.

It is evident from the first volume of the Royal Guernsey Agricultural Society Herd Book that the first local show was held in July, 1881, and at that show 40 cows were admitted to the Herd Book. From that time until the local show of March 27, 1912, the animals admitted as foundation stock were classified as "Commended," "Highly Commended," and "Very Highly Commended," according to their quality, and these terms are now generally indicated in pedigrees or elsewhere by the abbreviations C., H. C., and V. H. C.

Commencing with the local show held April 24, 1912, all cows are admitted and marked as "qualified at local show," and no designation is made as to difference in the quality. From the very first no females were admitted as foundation stock except cows in milk; and a rule also exists that if the breeder fails to comply with By-law 4, which requires that a calf must be attested by a member of the Society within 24 hours of its birth, a heifer could then not be recorded until she became a cow, when she must be entered as foundation stock, although, if her sire and dam were known, they were published in the Herd Book the same as pedigree stock. Up to March, 1910, By-law 4 was not always complied with, and considerable dissatisfaction resulted, but since that time it has been rigidly enforced.

As early at least as 1883 an appendix to the General Herd Book was added for Alderney-bred cattle, and this was continued to as late as 1893. A total of 40 cows were entered, but nearly all of these were cows that had been taken to Guernsey. The Herd Book of the Royal Guernsey Agricultural Society recognized the Alderney-bred cows at once and placed them in their registry on an equal footing with the others, No. 100 being an Alderney-bred cow. Large numbers of cows have been taken from Alderney to Guernsey every year since there began to be an export demand for cattle from Guernsey. It is impossible to say just how many of the cattle entered in the island Herd Book are Alderney-bred, because many of the foundation stock animals were entered without



Raymond's Pearl King 2560, P. S., King's Cup, 1912; and dam, Princess May of the Hunguets IV 7574, P. S. Imported by W. W. Marsh, of Iowa, and sold to C. S. Rasmussen, of California.

the name of the breeder, and some of them, I happen to know, were Alderney-bred. While I find no written evidence, it is clear that Alderney-bred cattle were in the beginning admitted, whether inadvertently or not, to the registry of the American Guernsey Cattle Club. These cattle were first taken to Guernsey or to England and then brought to this country.

Many years ago the breeders of Alderney started a herd book of their own, but no volume was ever published. Copy for the first volume was sent to the printers, but shortly after the printer died and the copy was lost. This work was taken up again in 1907, and in 1908 Volume I of the "Royal Alderney Agricultural Society Herd Book" was published. In 1909

agitation was started to unite the herd books of the two islands, which was done in 1910, and the books are now published as "Herd Book of the Bailiwick of Guernsey," "Guernsey Branch" and "Alderney Branch."

The same system of shows is followed on the Island of Alderney as on Guernsey, though I do not know just how long such shows have existed there.

The cattle on the Island of Sark were as early as 1883 registered in the General Herd Book; but, like the Alderney bred ones registered in the same book, it was only such animals as were bred on Sark and taken to Guernsey. The Royal Guernsey Agricultural Society from the first recognized the



A bull in his paddock on the Island of Guernsey.

cattle of Sark as being the same as those of Guernsey. They were transferred back and forth. In recent years an annual show has been maintained on Sark.

Whoever has been the tenant on the island of Herm has maintained a herd of Guernseys which are always recorded in the Herd Book of the Royal Agricultural Society of Guernsey.

That the best of feeling exists among the Guernsey breeders of this island group is proven by the fact that they attend the annual shows held on the other islands and often act as judges. There are now recorded in the Herd Book of the American Guernsey Cattle Club animals that have been bred on each of these islands of Guernsey, Alderney, Sark, and Herm. The bulls used on Sark are often of Guernsey breeding, but the breeders of Guernsey and of Alderney use native bulls only.

One of the things that has without doubt contributed

largely to the improvement of the breed in Guernsey is the fact that no bull is allowed to stand for public service on the island until he is 15 months old and has been taken to a local show with his mother and been approved by the Herd Book committee. The only exception to this rule is made when the bull's mother is dead but her quality known by the prizes she won at the public shows.

As the islands are so small, no breeder on the Island of Guernsey would have to lead his animals more than three or four miles to exhibit them at the shows, and on the Islands



Brilliant of the Gree 2377, P. S. King's Cup, 1911.

of Alderney and Sark, not more than two miles. It is, therefore, a very easy matter for the farmers to exhibit their cattle at these shows, and oftentimes several hundred of the best will be shown.

At the Whitsuntide Show the animals are divided into the following classes: Bulls—First class, 27 months and over; second class, 18 months and under 27 months; third class, from 15 to 18 months. Cows—First class, age six years and over; second class, four years and under six; third class, under four years. Heifers—First class, two years and over; second class, 16 months and under two years; third class, under 16 months. The same classification is used for the August show.

The shows open at 9:30 a. m., and animals are admitted up to 10:30 a. m. Different judges are had for each class, and usually two on a class. No visitors are allowed in the ring while the judging is going on, and as soon as the judges have finished their work a flag is hoisted to the top of the mast, when all visitors can enter the ring for a fee of 6d. The shows continue until 5:00 p. m., when members can take their cattle home. The judges reserve the right to have the cows milked, if desired.

The by-laws governing the King's Cup Shows require, first, that all animals must be bred or dropped on the island; second, in the event of a bull under two years being prized, the same is bound to be kept on the island for service until he has attained the age of three years; third, if a bull is prized at two years or above, the same is bound to be kept on the island for service for the space of twelve months after the award. In the event of these or other rules not being complied with, the cups are passed down to the reserve animals. It is needless to say that keen rivalry exists at these shows, and the King's Cups are especially sought after. Some of the older breeders have a room literally full of cups that have been won at these shows.

CHAPTER IV.

Introduction Into America

It is a well attested fact that Channel Islands' cattle (Alderney) were imported into the United States more than 100 years ago, and, without doubt, some of these were Guernseys. Their blood was not kept pure, and they became lost in the common herd. The first introduction of Guernseys into the United States, the records of which were kept so that later they and their descendants could be recorded in the American Guernsey Cattle Club Herd Register, was an importation by a Mr. Prince, of Boston, Mass., in 1830 or 1831. These cattle were taken to his farm in Massachusetts, and a



Lily Belle of Canterbury 11352. Picture taken at 20 years of age, with her 18th calf.

little later a cow and a bull of this importation went to Cow Island, in Lake Winnepesaukee, N. H. These two animals, now registered as the Pillsbury bull 5816 and the Pillsbury cow 11310, were sold from this herd to General Moody A. Pillsbury, of West Boscawen, N. H. From these two foundation animals, some very good animals were developed in the hands of Joseph Barnard, of Hopkinton; J. Arthur Jones and

George E. Barnard, of West Hopkinton; and the Canterbury Shakers, of Canterbury, N. H.; and from this foundation came Lily Belle of Canterbury 11352, a splendid old cow, she being the granddam of the well-known cow, Glencoe's Bopeep 18602. The cattle descending from this first importation were not recorded in the herd register of the American Guernsey Cattle Club until 1899, but for many years previous to that time the New Hampshire gentlemen aforementioned kept a sort of joint private herd book. When the matter of registry came up for investigation by the club, it was found that Mr. Barnard Sr. had a carefully kept diary giving all the details of the individual animals, which made it possible to register a major part of each of these herds.

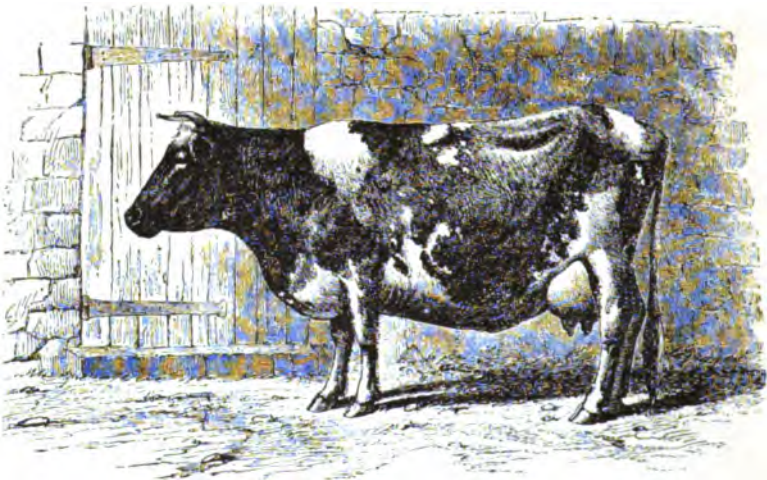
The next earliest importation, as far as known from the records kept that later enabled the progeny to be recorded, was of three cows, Jennie Deans, Fenella, and Flora McIvor, Nos. 1, 2, 3, respectively, of the American Guernsey Cattle Club Herd Registry. These cows were brought to New York on the schooner Pilot, September 26, 1840, by the late Nicholas Biddle, of Andalusia, Pa. Two of these cows dropped heifer calves, Fanny Ellsler 4, and Fairy 5, and one a bull calf, St. Patrick 1. Subsequently Judge Craig Biddle, a son of Nicholas Biddle, became equally attached to the cattle and visited the Island of Guernsey to see them in their native home.

Prof. W. Gibson, an eminent surgeon connected with the University of Pennsylvania, who owned a country seat near Philadelphia, purchased a black and white Guernsey heifer in 1858. He was a great admirer of fine cattle and subsequently went to the Channel Islands and remained there for several months, visiting both Guernsey and Jersey Islands to learn all he could of both breeds. He became an enthusiastic admirer of the Guernseys and wrote glowing descriptions of their superiority over the Jerseys. He brought back several choice animals for himself and several for his friend, Judge Biddle. The Biddles maintained the purity of their cattle for many years and kept careful records.

As far as known, the history of the next importation is as follows: In the American Agriculturist of April, 1868, there appeared what is believed to be the first picture of a Guernsey cow published in America. This was of Cottie 188; and her owner, James P. Swain, of Bronxville, N. Y., writes as follows in the article accompanying the cut:

"You ask me for facts in regard to the Guernsey cow Cottie. I will tell you the story of the Channel cattle as far as they

have come under my own observation. In the summer of 1845, I employed Mr. LeRoy, an intelligent Guernsey man, to build a factory for me, and he interested me in the cattle of his own and the other islands so much that I imported one from the little Island of Alderney, two from Guernsey, one from Sark and two from Jersey. I found but one of them to be a superior cow in every respect. She came from Guernsey, gave 32 pounds of milk a day when in full milk, averaging 24 pounds a day for eight months; was never dry during the six years I owned her. She was accidentally killed. Cottie, the property of George P. Nelson, Esq., of Scardale, is her first calf. She is now 14 years old and has been in milk over 12 years, except



Cottie 188.

two or three months. She averaged during the summer 24 pounds of milk daily for eight months, and about 8 pounds for the balance of the year. Of the quality of her milk I cannot give you facts, but can in regard to her sister. She was so much like her that we never could tell which was the better for quantity or quality. This sister, Katie, now owned by James Hall, Esq., of East Chester, gave at her height 45 pounds of milk per day, and made 14 pounds 5 ounces of butter per week, and averaged $24\frac{1}{2}$ pounds of milk for eight months, and a little less than 8 pounds for the balance of the year. In all the descendants of Cottie and Katie, and they are very many, I do not think there is a variation of 1 per cent in the quantity or quality of milk they give, with same care. This family are all that have been of special value out of seven imported cows."

The other Guernsey cow referred to was doubtless Curl Horn 183. The mother of Cottie referred to in this article was Guernsey 184, and she is recorded as "imported about 1851 by J. P. Swain in the ship William Tell."

At about the same time Mr. Swain purchased the bull, Rosewell Colt 29, bred by Mr. Biddle, and in the fall of 1858 he made another importation, in the ship Guy Mannering. He imported a cow which, as far as I can find, was never registered, but she was carrying the calf Guy 33.

In June, 1855, W. H. Stewart, of Torresdale, Pa., imported the cow named Stewart's Cow 11. Edward M. Hopkins, of the same place, imported the cow Flora 17 the same year.

In 1855 Charles Henry Fisher, of Philadelphia, imported the three cows, Little Red Riding Hood 26, Sophia 27, and Fanny Physic 28. Mr. Fisher already owned a bull, Hercules 9, born 1850 and imported by R. L. Colt, of Paterson, N. J., and the blood of these animals is still mingled in the high-class herd owned by James Logan Fisher, of Fernrock, one of the suburbs of Philadelphia.

The Fowlers, of Philadelphia and Southampton, had brought over large numbers of Jerseys for public sale, and at about 1865 they began to bring a few Guernseys also, though I do not find any animal recorded of their importation earlier than the cow Signet 99, imported to Boston in September, 1870. This cow was sold to James M. Codman, and he tells me that it was she that first gave him his interest in the breed. He also says that it was the first Guernsey cow sold at auction in the United States of which there is any record. Liking this cow and being impressed with the very yellow milk and butter that she gave, he decided the next year to make a trip to the island, arriving on the very morning that the cattle from Guernsey were being shipped over to Jersey for the Channel Islands exhibition mentioned in Chapter II. Seeing this, he stayed on the boat and went to Jersey and attended this exhibition. He spent several weeks on Guernsey, studying the history and characteristics of the breed, and purchased the cows Amber 50 and Crystal 51 for himself, and also imported the bull Jasper 25 and the cows Pearl 20, Topaz 21, Jewel 22, and Ruby 23 for Wm. P. Perkins, of Wayland, Mass.

Shortly after this time the Massachusetts Society for the Promotion of Agriculture became interested in the introduction of Guernseys into Massachusetts for the improvement of the dairy stock, and as early as September 28, 1874, an importation was made and the cattle scattered to many different farms in the state, including those of James Lawrence, Groton; E. F. Bowditch, Framingham; and W. C. Cabot, Brookline. All three of these herds are still maintained.

At the same time a group of farmers around Hartford, Conn., and especially those who were patrons of the creamery at Farmington, having heard of the Guernseys, and not being able to buy them in this country, unitedly sent to the island C. M. Beach, of Hartford, and M. C. Weld, of New York. They made a number of importations of cattle to Connecticut, and from them many herds were founded, including that of the late Edward Norton, who became the first secretary of the club.

Other single animals imported earlier than 1871 were Lady Thierman 135, imported in 1869; Brown Forest 69, Belle Forest 67, Lady Forest 45, Lily Forest 41, and Lady Hudson 391, imported May 2, 1870.

In 1872 Silas Betts, of Camden, N. J., purchased the cows Queen 74, Beauty of Bloomfield 75, and Peeress 76 from an importation of E. P. P. Fowler, the last two named dropping the calves Billy 3 and Romeo 40. The cow Beauty of Bloomfield numbers among her descendants many high-class animals, including the cow Cinderella 3251, that won first prize at the Wisconsin State Fair of 1887.

At this time the Fowlers were gradually increasing the number of Guernseys in their importations, and in the spring of 1872 Thomas M. Harvey and Son, West Grove, Pa., purchased of them the cows Nos. 81 to 86, and these, with the cows Nos. 24 and 25, purchased by Messrs. Harvey of Judge Biddle, were the first cattle, as the records show, that went into Chester county, Pennsylvania, which county later was for years the headquarters for the breed.

In May, 1878, importations were made to Boston by James Lawrence, who, it will be remembered, had some of the first cattle of the importations by the Massachusetts Society for the Promotion of Agriculture, and by this time cattle from the Fowler importations had been scattered to all the seaboard states.

In 1878 Wm. L. Fox, of Foxburg, Pa., imported five cows, Frolic 49, Florence 50, Fancy 51, Fan 52, and Fay 53. In June of the same year J. J. C. Abbot, of Montreal, Canada, imported the cows Rosey of Les Vauxbelets 379 and Rosebud of Les Vauxbelets 2d 380, they appearing to be the first Guernseys to go to Canada.

As early as November 24, 1872, a cow, Monica 371, was imported direct to San Francisco, Cal., by J. N. Knowles and sold to Henry Pierce, of the Yerba Buena ranch. In October, 1879, Mr. Pierce made an importation of bull No. 183 and the

nine cows Nos. 417 to 426. The descendants of this importation have apparently been lost sight of.

In 1871 the Coleman heirs, Cornwall, Pa., purchased the cows Nos. 397, 398, 620, 621, of the Fowlers, these cattle later passing to E. C. Freeman, who until his death in 1912 maintained a high-class herd. The well known cow, Purity 2315, that won second prize at the Columbian Exposition in 1893, came from this herd.

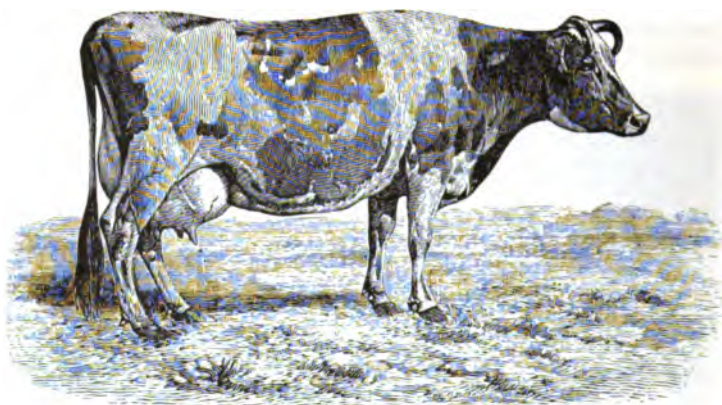
In 1878 L. W. Ledyard, of Cazenovia, N. Y., purchased two heifers, Fernwood Fancy 37 and Kathleen 38, of Mr. Beach of Hartford, who had recently imported them. Mr.



Fernleaf 636—18.81 lbs. butter in seven days.

Ledyard began at once to test his cows, and Kathleen made for him 22 pounds 4 ounces of butter in seven days and she was the dam of Fernleaf 636, 18 pounds 13 ounces butter; and Fernwood Fancy made 14 pounds and 7 ounces. Mr. Ledyard became very favorably impressed with the cattle, and in September, 1880, he made an importation of 14 females and brought them to his farm, which he named "Fernwood." Included in this importation was the cow Lady May that made for him 19 pounds of butter in seven days. Mr. Ledyard became at once one of the most enthusiastic supporters of the breed, and in September of 1883 he brought over 25 females,

Nos. 1464 to 1485 and 1565 to 1568, that were notable, indeed, and bulls Nos. 644 and 645. Among these cows were Countess of Fernwood 1464, that made for Mr. Ledyard 14 pounds 12 ounces butter in seven days and that was the dam of the advanced register bull Viscount 2177, she being out of the cow Fleurie du Terte 1136, G. H. B., that had a record of 14 pounds 10 ounces butter, Guernsey weight, on the island; also Gazelle of Fernwood 1467, the mother of Glenwood Girl 1693; Fern-



Fernwood Lily 1468—22.72 lbs. butter in seven days.

wood Lily 1468, the dam of two advanced register bulls, Lily's Bonny Boy 2676 and Fernwood Lily's Son 3931; Guernsey Gift 1483, a very high-class daughter of Presto 14, P. S., that milked over 40 pounds of milk with her first calf; and Bonnie Lassie of Fernwood 1485, the dam of the celebrated bull, Bonny Boy 1097. With these cattle Mr. Ledyard also brought the cows Nos. 1506 to 1522 for Mr. Schenck, the most celebrated of which was Vestall of Larchmont 1507, that made 18 pounds 12½ ounces butter in seven days.

In February, 1881, S. C. Kent, of West Grove, Pa., landed his first importation of cattle at Philadelphia, and in the next four or five years, in connection with James James, of Les Vauxbelets, Guernsey, and Mark Hughes, also of West Grove, imported over 1,000 head of Guernsey cattle and scattered them far and wide through auction sales. One of the most notable of his sales was the one held in May, 1884, at which 76 animals sold above the \$200 mark, and Lady Emily Foley 2d 1700 sold for \$1,900 to Henry Palmer, a neighbor of Messrs.



Imp. Bonnie Lassie of Fernwood 1485.

Kent and Hughes, who also paid \$480 for the cow Lily des Islets 1816 and \$550 for the cow The Nun 1812. Many others sold above the \$400 mark. From the books it would appear that during those three or four years Mr. Kent registered nearly one-half of the cattle recorded in the American Register during that time.

In view of the recent outbreak of foot and mouth disease in the United States, the fact will be of interest that one of the importations made by Messrs. Kent and Hughes had this disease. The story of this outbreak is here given in Mr. Hughes' own words:

"In the month of March, 1883, S. C. Kent, of West Grove, and myself, as partners, made an importation of 80 head of Guernsey cattle direct from the island. These cattle were landed March 18, 1883, from the steamship Nessmore, at Baltimore. My memory is that they had been about 17 days on the ship. Quarantine enforcement, then imposed by the Treasury Department, requiring us to keep them 90 days in quarantine, was turned over to this state. At the time of this importation, and several others also, permission had been granted us before the arrival of the cattle to quarantine them in barns that we procured in West Grove, Pa. I had actual care of the cattle of these several importations.

"As soon as this particular importation of cattle landed my man told me that some of the cattle were sick, and from what he told me of the symptoms I at once suspected foot and mouth disease, after having heard what I had of the recent attacks in England. I

at once telegraphed Dr. Francis Bridge, of Philadelphia, (then the state veterinarian of Pennsylvania) and asked him to come at once to West Grove. They had been inspected by a government veterinarian on the boat and when I arrived he said to me: 'Mr. Hughes, you have one pretty sick cow on board (which was Imported Cora de Sausmarez 1733, A. G. C. C.) that unless you take good care of you will lose.' The cattle were just in the early stages of the disease, having fever, not wishing to eat, and wanting to lie down, but the old cow referred to had begun to show later symptoms of the disease. We got the cattle on the cars and arrived at West



Imp. Lady Emily Foley 2d 1700.

Grove with them at 2:00 o'clock the next morning and took them out of the cars at once to two barns. Dr. Bridge did not reach West Grove until about 9 a. m. that day. When I met him at the train I told him that I believed the cattle had foot and mouth disease, and he at once went to the station agent and had the cars in which the cattle came held up until disinfected by his direction. He diagnosed it foot and mouth disease, as I expected he would.

"Two men came over from Guernsey with these cattle, and these two men went to one barn and two of my men who lived in West Grove went to the other barn. None of these men left the barns during the 90-day quarantine period. I myself visited both barns every day and saw that Dr. Bridge's advice regarding the treatment of the disease was carried out. Included in his treatment was the standing of every animal twice each day in a trough of disinfectant and scrubbing her feet. Mr. Palmer's barn was on a farm that Mr. Palmer has just purchased, and the former owner had a sale of farm

tools, two horses, and a goat advertised to take place on this farm soon after the arrival of the cattle. Dr. Bridge objected to the conducting of the sale there, but, finally, when I told him that we would see that no person went in or near the barn in which the cattle were, and I had promised to buy the two horses and the goat (the only live stock on the farm) he gave us permission to hold the sale and no evil results followed.

"The stables and cattle were thoroughly disinfected every day, but no precautions were taken to disinfect the hay or straw in the mows above, although the men had every day gone up to these mows to throw down hay. Immediately at the close of the 90-day period these cattle were all taken to my home farm and placed with other cattle then on the place. About three months later one-half or more were sold and others farmed out among farmers in this locality. There was no further spread of the disease. Every animal had the disease, and not one died, not one aborted, and every calf born during the period was saved. Also, no udder trouble resulted, and this notwithstanding the fact that considerable hoof trouble resulted and several of these animals lost the shell of their hoofs during the summer, the last ones probably as late as September or October while they were running with animals that had not previously had the disease. Some of the cattle also lost their horns, though I do not now remember how many. No United States inspector visited the place during the epizootic.

"Before we got all of the cattle off the ship they had commenced to load beef cattle and sheep into the ship, without its dis-



Select 2205—22 lbs. 8 oz. butter in seven days. Imported by J. W. Fuller, July, 1883.



Imp. Jolie 2d 2206—said to have given 65 lbs. milk in a day. Imported by J. W. Fuller, July, 1883.

infection, for Southampton. Many of these animals were down with foot and mouth disease when they reached England."

The statement has often been made that animals that have had foot and mouth disease were ruined for breeding purposes. The records have been searched for the number of the progeny of this importation and of another importation of 80 head made the same year by Messrs. Kent and Hughes that did not have foot and mouth disease. The books show that 202 calves have been recorded from the importation that did not have the disease and 217 from the importation that did have it. It may be of further interest to state that Yeksa Sunbeam 15439 (857.15 pounds of fat); May Rilma 22761 (1073.41 pounds of fat); Murne Cowan 19597 (1098.18 pounds of fat); Dolly Bloom 12770 (836.21 pounds of fat); Dolly Dimple 19144 (906.89 pounds of fat); Azucena's Pride 2d 24957 (855.7 pounds of fat), and many others of the greatest cows of the breed are descendants from cows of the importation that had the disease. At least six animals that have been grand champions at the National Dairy Show were also descendants of that importation. Lady Emily Foley 2d, men-

tioned previously, and Tricksey 1760 were in this importation.

In 1883 A. J. Cassatt, who later became president of the Pennsylvania Railroad, imported 12 cows. A clipping from the Guernsey paper, *La Baillage*, states that the prices he paid for them were from £50 to £210 each. Included in the lot was Vesta 2d of St. Peter Port 1443 (Vesta 2d 424, F. S.) that had made a record of 16 pounds of butter, Guernsey weight, in seven days on the island.

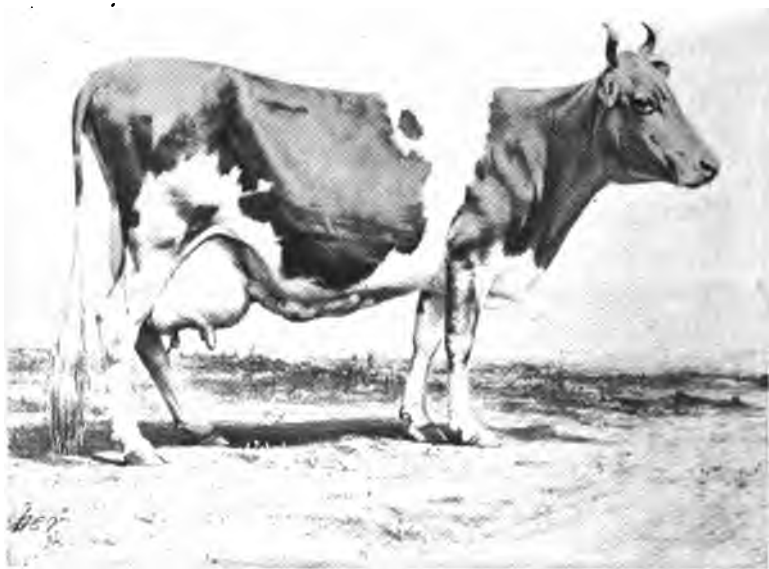
In July, 1883, J. W. Fuller, of Catasauqua, Pa., made a small importation of five head, and in September, 1884, he imported 64 females and five bulls, which was one of the most notable importations ever made. Included in this lot were Select 2205, that founded the family of that name and that made 22 pounds 8 ounces butter in seven days; Jolie 2d 2206, that is said to have milked 65 pounds of milk in a day; and France 2207, that founded the France family. Several of the Select and Jolie 2d families came with this lot. There were also included in this importation the Windfalls, dam and daughters; Lady Whitesea 2214; Daisy of the Rue a l'Or 2226;



Imp. France 2207—from which the France family sprung. Imported by J. W. Fuller, July, 1883.

Garnet of Lehigh 2208 and her daughter Garnet of the Pelleys 2249, and many other good ones, space forbidding individual mention.

In August, 1882, S. L. Hoxie, of S. Edmeston, N. Y., who was later the first superintendent of the advanced registry for the Holstein breed, imported 27 females and two bulls. Included in this lot were Gully V 1590 (24 pounds 2 ounces butter in seven days), Duchess of Brittany 1613 (21 pounds 4 ounces), Stella 4th 1598 (18 pounds 4 ounces),



Imp. Windfall—imported by J. W. Fuller, July, 1883.

Musette Ford 1600 (16 pounds 4 ounces), Dolly Ford 2d 1595 (15 pounds 12 ounces), Primrose Ford 1589 (15 pounds 8 ounces), Primrose Ford 4th 3302 (14 pounds 3½ ounces), and many other excellent cows whose blood was scattered over New York and Pennsylvania.

From 1884 to 1887 practically no cattle were imported, but in November, 1887, Levi P. Morton imported 60 cows and one bull. In this lot were some notable cows, including Bretonne 3660, that later made 602.9 pounds of butter-fat; Buda 7178, 602.7 pounds fat; Beinfaitrice 4th 3657, the dam of

Sheet Anchor 2934; Rosette 5th 3698, one of the leading cows in the Guernsey herd at the World's Columbian Exposition in 1893; Esmeralda 8657, and many others of almost equal note. Mr. Morton later made several other importations of high-class cows, but was so unfortunate as to lose 100 head of his best cows at one time by fire.

E. N. Howell, of Poughkeepsie, N. Y., imported 10 cows in September, 1886, and six more in April, 1888, among them



Imp. Buda 7178—602.7 pounds butter-fat in one year.

being My Pet 3094, 14 pounds 8 ounces butter in seven days, a daughter of Climax 48, P. S. In December, 1888, Hope-well Brothers, Natick, Mass., imported 14 cows.

J. Pierpont Morgan imported 10 head in July, 1889, and in February, 1890, S. C. Kent made his last importation, which consisted of 60 females and one bull, 45 of which were sold at auction March 17, 1890.

In 1891 Francis Shaw, Wayland, Mass., who at that time probably had the best herd in the country, having purchased

at different times such cows as Select 2205 and Select 2d 2229, France 2207, France 3d 2573, Kathleen 38, Dawn 711, Picotte 2d 2218, and Jessie of Lester Manor 740, sent J. L. Hope to Guernsey, who took with him the first Babcock tester ever



Imp. Esmeralda 8657—8,978 pounds milk and 424 pounds butter in one year.

used on the island. Mr. Shaw's idea was to import such cows as might be useful to the breed as representatives in the World's Fair test in 1893. Several of this importation were good enough to qualify for this test. Included in the lot was Pretty Dairymaid 2d of Guernsey 6366, that won first prize on the island in 1889, 1890 and 1892.

In April, 1891, Edward Burnett, then proprietor of Deer-foot Farms, Southboro, Mass., made the first importation for H. McK. Twombly, consisting of 13 females. In this lot were Daisy Pearl 5990, Honoria 4th 5989, and Virginia of Madison 6000, whose blood later added character to the breed.

In 1894 Mr. Twombly imported 15 females, and included in this lot were Deanie 3d 7643, and Belvidera 7644, that later made an advanced registry record of 420.63 pounds of fat, and other good ones. In this same year Mr. Morton made a second importation of 17 head, which included among other good ones May Rose 4th 7682 and May Rose 5th 7681.

In 1895 Allen S. Apgar, of New York, imported the bull, Squire of Lilyvale, that had twice won first prize on the island, and seven high-class females, two of the best of which were Success of Lilyvale 8284, which was bred on Sark, and Pride of Lilyvale 8285, of Alderney breeding, both of foundation stock. In April, 1895, Mr. Morton made another importation of 27 females, including many animals whose blood is now scattered throughout the country.

In 1896 James Forsyth, of Oswego, N. Y., imported a few animals, and in the same year Benjamin Hartz imported 10 good females into Prince Edward Island. In 1898 Mr. Twombly imported 43 more females for his Florham herd.

From that time until 1901 there were no important importations, and very few animals were brought over that



Imp. Pretty Dairymaid 2d of Guernsey 6366—First prize on Guernsey 1889, 1890, 1892.

have left any appreciable impress on the breed. An importation of six head by E. Rigg Brow, of Charlottetown, Prince Edward Island, was probably of most note. The Experimental Farms at Ottawa, Canada, imported a few head of

high-class animals in 1901. In the same year H. McK. Twombly imported 16 head of females, which was without doubt the highest-class lot that ever was imported. Justice to this importation would not be given unless all were named. They included Love Knot 14441, known on the island as Justinee II; Charmante of the Gron 14442 (676.46 pounds fat); Pretoria 14443 (595.35 pounds fat); her daughter Pretoria 2d 14444, that later sold for \$1,500; Lady Butterfield 14445 (374.36



Imp. Love Knot 14441—3d prize, English Royal Show, 1901.

pounds fat); Cambrian Princess 14446 (457.07 pounds fat at three and one-half years of age); Pride of Home 14447 (534.26 pounds fat), first prize cow at the St. Louis Exposition, 1904; Claremont Hyacinth 2d 14448; Lady of Fashion 14449 (336.51 pounds fat), daughter of Charmante of the Gron; Love Knot 2d 14450 (644.3 pounds fat); Maid of Kent 14451; Sign of Quality 14452; Ma Charmante 3d 14453; La Belle France 14454, known on the island as France III, and one of the best known cows of the breed; her daughter Bonne et Belle 14455 (423.85 pounds fat at three years of age); and Couleur de Rose 14456 (474.44 pounds fat). Not only did this importation represent a large amount of money, it having been reported that \$4,000 was the price paid for France III,

but it also represented a large amount of time and personal interest and investigation on the part of Mr. Hope, who selected them.

To this lot was added, in September, 1902, six head more of very choice animals, including Itchen Beda 15627 (548.72 pounds fat) and Itchen Daisy 3d 15630 (714.15 pounds fat at four years of age).



Imp. Love Knot 14441. Imp. Charmante of the Gron 14442. Imp. Pride of Home 14447. Imp. Pretoria 14443.

In March, 1902, Edward Trotter Price, of Broad Axe, Pa., made his first importation of 20 head, nearly all of them from England. V. Everitt Macy, of Ossining, N. Y., made a notable importation of 13 females in December, 1902. Included in this lot were Masher's Justinee 16002 (510.58 pounds fat), Cora's Queen's Prize IV 16004 (410.81 pounds fat), Beatrice of the Isles 16005 (518.52 pounds fat), and Antoinette's Queen's Prize VII 16010 (415.98 pounds fat).

In September, 1902, F. L. Ames made what probably was, next to Mr. Twombly's, the most notable importation of any yet made. It included Hayes Richesse 2d 15474 (642.43 pounds fat), Hayes Rosie 15476 (714.31 pounds fat), Hayes Felois 2d 15478 (384.15 pounds fat), Lady Ovid of Easton 15480 (551.06 pounds fat), Princess Rhea 15479 (775.69 pounds fat), and Melanie of Goodnestone 3d 15485 (387.76 pounds fat). The blood of several of these cows is an important influence in the advancement of the breed.

In July, 1903, Mr. Price made a second importation of 17 cows, and animals from these two lots with some few Amer-

ican-bred, he showed with great success at the fairs in the fall of 1904, including the St. Louis World's Fair. In October of that year he sold them all at auction and immediately imported others that he distributed in very successful sales in the two following years. Among the latter lot were many cows of great excellence.

In September, 1903, George Robbins, of Hinsdale, Ill., imported one bull, and 10 heifers in calf, from the island, which I believe were the first imported by anyone west of the Al-



Imp. Pretoria 14443—595.35 pounds butterfat in one year.

legghany mountains, after the much earlier importation into California of Henry Pierce already mentioned.

Mr. Twombly made still another importation in April, 1905, of 43 head, and a large part of these have since qualified for the Advanced Registry. Space will not permit of mention of all the records made by them, but the most notable was that of Rosy of the Palotterie IV 18897, that produced 718.15 pounds of fat and was the dam of the bull Rockingham 18120, which sold for \$2,000 at Mr. Phillip's sale in 1913. Mr. Robbins made a second importation of 17 head in August,

1905, a third of 25 head in March, 1906, and a fourth of 30 head in June, 1906.

In July, 1906, Westmoreland Davis, of Leesburg, Va., imported 13 choice animals, and the same year E. W. Oglebay, of Wheeling, W. Va., imported 10 head, mostly English-bred, and a second lot of 50 in July, 1906.

E. C. Converse, Greenwich, Conn., being pleased with the first animals that he purchased at one of Mr. Price's sales, imported six cows in March, 1906. On October 2, 1905, A. A.



Charmante of the Gron 14442—A. R. 74 yearly record, 11,874.08 pounds milk, 676.46 pounds fat.

Housman, Babylon, L. I., imported 27 females, 16 more in August, 1906, and 19 head in a third lot in November of the same year.

Mention has been made of the first outbreak of tuberculosis on the island. In one of Mr. Price's later importations two cows had reacted, both coming from the infected herd on the island. Without doubt, the disease was also imported in the Housman importation, as many of them reacted almost as soon as they reached this country, and a large part of the importation was lost to the breed. Included in this importation was the bull St. Amant 11600, A. R.



Imp. Couleur de Rose 14456, A. R. 70—474.44 pounds fat in one year.

In August, 1906, Alfred G. Lewis, of Geneva, N. Y., made his first importation, 71 head. During the next few years Mr. Lewis imported hundreds of the best cattle that the island produced, selling them at public auction and private sales and scattering them into nearly every state from Maine to California.

In May, 1907, I made my first visit to the island, bringing back 37 head for different parties, mostly for Arthur Meeker, who himself afterward imported 22 heifers. Also in May, 1907, H. W. Wigman imported 26 head, the bulk of which went to F. G. Benham, of Canandaigua, N. Y., and since that time Mr. Benham has made many importations himself of the sort that have greatly helped to improve the breed.

In 1910, in connection with Arthur Meeker, I made another importation, and included in this lot were 60 head from Alderney, the first to come direct from that island.

For some time previous to this date, F. S. Peer had been

bringing over a few high-class Guernseys with his importations of Jerseys, and finding a growing demand for them he greatly increased the number of Guernseys and decreased the Jerseys until now his importation of Jerseys has nearly ceased while he is importing large numbers of the best Guernseys.

In October, 1908, George W. Ott brought over a lot of 50 head, and has made several other large importations since.

James H. Beirne, of Oakfield, Wis., bought three out of my first importation and liked them so well that he went over himself the same year and again the next.

In 1909 I made an importation of 108 head for O. C. Barber, Akron, Ohio, and a second one of 100 head for him in 1913.

Since 1908 the number of importations have so increased, as well as the number of cattle imported, and the facts are so well known to all that it is impossible and unnecessary to continue the detailed account of them. Among the names of those who have made one or more importations of note are: J. S. Govin, Menomonie, Wis.; Fred G. Phillips, Villa Nova, Pa.; Geo. C. Cooper, Superior, Wis.; M. A. DeWitt, Binghampton, Pa.; W. W. Marsh, Waterloo, Iowa; Thomas Johnson, Columbus, Ohio; A. J. Snyder, Plumsteadville, Pa.; Thomas F. Ryan, Oak Ridge, Va.; George Wood, Phila-



Itchen Daisy 3d 15630—714.15 pounds butter-fat at 4 years of age.

delphia, Pa.; John H. Williams, Waukesha, Wis.; J. B. Haggin, Lexington, Ky.; F. B. Buckley, Schaghticoke, N. Y.; W. S. Dixon, Brandon, Wis.; Charles A. Groff, Creamery, Pa.; H. Byron Scott, Detroit, Mich.; Mrs. Scott Durand, Lake Forest, Ill.; J. L. Hope, Madison, N. J.; Granger Farwell, Chicago, Ill.; and I. C. Blandy, Greenwich, N. Y. It is well-nigh impossible to mention all of the men who have played a part in introducing the blood of the best island cattle to this country.



First large shipment from Alderney to America. Ready to embark.

Mention has been made of the females only in these importations. Because a bull has so wide an influence, due to his greater ability to beget descendants, it seems wise to mention individually some of the best island bulls that have been brought to this country. Probably the first one that attracted marked attention was the bull Sir Champion 38, imported by Thomas Harvey & Son in 1871. He had 15 sons named after him, Sir Champion 2d to Sir Champion 16th, and dozens of other sons, nearly all of which were used in pure-bred herds. It has been said that more animals are traced to Sir Champion than to any other single animal of the breed. His son, Jeweller

117, was the best known bull of the breed from 1882 to 1887. This was about the time that talk about the selection of dairy cattle by the Guenon method was at its height. The system was based on the character of the escutcheon.

The next bull imported that has made a marked impress on the breed was Presto of Preel 571, known on the island as Presto 14, P. S., and that bull won first prize on Guernsey in 1881. He is known only because of the descendants of his sons and daughters left on the island, and little is known of



Imp. Island Champion 6263, known as Masher 2d 858, P. S., on the Island of Guernsey. Winner of first prize there in 1894, 1895, 1896, 1898 and 1899, and Queen's cup in 1895.

his progeny sired in this country. His name appears in the pedigrees of a majority of the cattle imported from the island in recent years. Forget-me-not 587, imported by Edward Burnett and sold to Francis Shaw, appears in the names of many animals of Mr. Shaw's breeding.

L. W. Ledyard in his importations brought over Lord Fernwood 644 and Fernwood Royal 645, the last named being a son of Presto 14, P. S., above mentioned and out of the cow Countess of Fernwood 1464, that was one of the best of Mr. Ledyard's importations. He was the sire of Bonny Boy 1097, and it was through this son that his blood was most disseminated.

In the Fuller importation came Herald 990 and his son Herald 2d 994, and the blood of these bulls appears in many of the pedigrees of today. With the first importation of Mr. Morton's came the bull Safeguard 1790. Later he imported Lord Stranford 2187, that became the greatest prize winning bull of the breed. He won first prize as a yearling on the island and won more than 125 prizes at nearly all the great fairs east and west in this country, but he never proved to be even an ordinary sire, and his blood now appears principally in pedigrees through his son Sheet Anchor and his daughter Robinson's Princess. While he attracted great attention as a show bull, there is no doubt that in his case the breed would be better if he had never been born.

The next imported bull to attract particular attention was Golden Knight 3405, imported by E. S. Clark, Cooperstown, N. Y. He has through his sons Penwyn 4590 and Fenimore Prince 4559 contributed to the good of the breed.

Three bulls came over in the latter Morton importations, and the bull Annatto 3887, that won the Queen's prize in 1894, proved a very good sire and his blood has been dispersed to many of the herds of the country. In 1899 Howard Tuttle imported the bull Royal of La Lande 6223, and his list of advanced register daughters proves that he must have been a high-class sire.

In 1899 Mr. Hope imported for Mr. Twombly the bull, Island Champion 6263, known on the island as Masher 2d 858, P. S., and he had been four times first over the island, second once, and third twice, besides winning the Queen's prize for the best bull in 1895. He was without doubt one of the best bulls of the breed, having eight advanced register daughters and six advanced register sons. This bull was of a pronounced dairy type, beautiful in color, head, and carriage. I well remember the great impression he made upon me the first time that I saw him. His son, France's Masher 2d 7248, was first prize in 1900 and was imported in 1901 by Louis Cabot, of Dublin, N. H., and later sold to S. M. Shoemaker, of Eccleston, Md. He had 28 registered daughters in this country, 13 of them having records up to 739.4 pounds of fat, and three advanced register sons. Cock of the Walk 8116, a foundation stock bull that very few American breeders fancied, nevertheless proved to be a good sire. Among the many good animals that he sired is Spotswood Daisy Pearl 7696, that made a record of 957.38 pounds of fat, being the largest record made by any cow up to that time.

In September, 1902, Mr. Twombly imported the bull May Rose King 8336, a dark-colored, smoky-nosed bull and a son of May Rose 2d 3648, E. G. H. B., at a reported cost of \$4,500. The records show that he was not accorded such opportunities in the Florham herd as was Sheet Anchor, but he proved to be much superior as a sire. He had in all 29 registered daughters, and of this number 21 have qualified for the advanced registry, with average records up to 852.56 pounds but-



Imp. Financier 8571, brought to America by V. Everitt Macy in 1902.

ter-fat. It is to be regretted that this bull was not given a greater opportunity, for without doubt he would have made an even more wonderful record for himself.

In 1902 V. Everitt Macy imported the bull Financier 8571, a bull carrying the blood of the Masher family on his sire's side and of the May Roses on his dam's side, that has eight advanced register daughters with records up to 610.15 pounds of fat; and Masher's Galore 8572, the bull that, as his name indicates, was inbred to the Masher family, and that had 14 advanced registry daughters with records up to 594.53 pounds of fat and four advanced register sons, one of which, King Masher 11084, is doing wonderful work in Dr. James E. Russell's herd.



Imp. Golden Secret of Lilyvale 10028.

In 1905 Mr. Twombly imported the bull Golden Noble 10580, that has four advanced register sons and 18 registered daughters, four of which have advanced register records up to 692.87 pounds of fat. He is perhaps even better known because of his son, Golden Noble 2d 1836, P. S., the record of whose daughters stamp him as the most prepotent sire ever used on the island. It is a great shame that he was killed when he was young and before his worth as a sire was proved. Every daughter of his seems to be a good one, and at this writing 24 of them have advanced register records up to 835.47 pounds of fat. He has also four advanced register sons. On the island six of his daughters have made records up to 698.54 pounds of fat.

Mr. Price in his importations brought over a good many bulls, and among them was Governor I of the Chene 10563, that was sold at auction to John C. Higgins, Delaware City, Del. When I went with Mr. Barber a few years ago to purchase Mr. Higgins' herd we were very much impressed with the young daughters of this bull, and the work that they are now doing stamps him as one of the most prepotent of Guernsey sires. Among his advanced register daughters are Julie of the Chene 30460, with a record of 953.53 pounds of fat; Jehanna Chene 30889, that holds the junior three-year-old

record of 863.36 pounds of fat; Governor's Pauline 30472, with 844.47 pounds of fat; Princess of the Chene 30461, with 739.33 pounds of fat; and six others, each with a record of over 600 pounds of fat. He has a total of 21 advanced register daughters, out of 51 registered daughters.

Another most notable bull of the Price importations was Golden Secret of Lilyvale 10028 which, like Golden Noble, was sired by Golden Secret 12599. This bull has proved a remarkable sire in the herd of T. W. & I. W. Roberts, Bala, Pa. Among his 13 advanced register daughters was Nellie Jay 4th 38233, with a record as a junior two-year-old of 736.32 pounds of fat.

In September, 1906, J. L. Hope imported the bull Masher's Sequel 11462 and sold him at once to R. & H. Scoville, Chapinville, Conn. This bull now leads all bulls of the breed in the number of advanced register daughters, having 66 that have qualified up to 1916, with more under test. He has also 19 advanced register sons up to date. This bull was rather under size, plain at the shoulders, and not good enough to be called a show animal, but the high quality of his daughters attest



Lord Mar 14359. Imported by W. W. Marsh in 1909. First prize in the aged bull class on the Island in 1908. He has 27 Advanced Registry daughters with records up to 674.91 pounds of fat.

his prepotency as a sire. His blood breeds on, as is proved by the work of many of his sons and daughters.

Raymond of the Preel 11353, a son of Masher's Sequel, that has three times been second prize bull on the island, and that had for a dam Justinee I 4054, P. S., a cow that had won first on the island, was imported by Alfred G. Lewis. This bull had splendid opportunities, and for a time his blood was largely sought after, but the majority of his daughters have proved to be only ordinary producers. Few breeders are now using this line of blood.



Imp. The Conqueror 2d 15325, with 16 Advanced Registry daughters with yearly records up to 928.39 pounds of fat.

Another son of Golden Secret, St. Amant 11600, imported by A. A. Housman, proved to be an excellent sire, having four advanced register daughters, with records up to 657.29 pounds of fat. He has but 10 daughters registered in all.

Among the good bulls that Mr. Benham imported was Holden 4th 12179, which sired Miranda of Edgewater 30870, with 730.4 pounds of fat at three years of age; and Cherry of Edgewater 38143, the leader in Class G, with a record of 732.97 pounds of fat; and other good ones.

In his first importation, Mr. Bierne brought over Golden Hero of l'Etiennerie 12647, and he has eight advanced register

daughters, with records up to 684.05 pounds of fat, and six advanced register sons.

Mr. Lewis in 1907 imported Billy's France 12476, a full-brother of Raymond of the Preel above mentioned. He was so much talked of that 10 of his daughters sold for an average price of \$1,000 each, but few of them are proving little more than ordinary cows.

In February, 1909, W. W. Marsh imported the bull Lord Mar 14359, that won first prize in the aged bull class on the



Imp. Golden Secret 12599.

island in 1908. He now has 27 advanced register daughters, with records up to 674.91 pounds of fat. Among the number are Jessy Rose X 28373, that was grand champion at the National Dairy Show in 1913 and that recently finished a record of 646.03 pounds of fat as a three-year-old.

In Mr. Barber's first importation I brought over the bull The Conqueror 2d 15325, and he now has 16 advanced register daughters, the best one being Daisy Moon 3d 28471, with a record of 928.39 pounds of fat. Another good daughter was Imp. Violet 4th of the Corbinez 32405, 756.72 pounds fat.

Perhaps the only other imported bulls that have made or



Sequel's Monogram 15649, a son of Masher's Sequel, now having 17 Advanced Registry daughters with yearly records up to 583.24 pounds of fat.

are making records worthy of special mention are Golden Secret 12599, several times mentioned above and last owned by F. L. Ames; Sequel's Monogram 15649, a son of Masher's Sequel, which now has 17 advanced register daughters, with records up to 583.24 pounds of fat; and lastly the great bull Galaxy's Sequel 16904, that three times won first prize on the islands and also won the King's Cup in 1906. He was imported jointly by Mr. Marsh and myself in 1910, and sold to Myron C. Wick, of Chestnut Hill Farm. He has up to date 39 advanced register daughters, with records up to 716.16 pounds of fat.

Breeders and dairymen in America are constantly asking about the comparative merits of island and home-bred cattle. If our official yearly testing means what we think it should, it ought to be true that the American-bred animals backed up by these records are better on an average than the island-bred ones. But at the same time it should be remembered that much more culling has been done on the island than in this country, which may more than offset the more intelligent breeding that the records make possible.

The following comparisons may be of interest. There are 1,015 imported and 2,969 American-bred cows entered in the advanced registry, and of these 24.7 per cent of the im-

ported and 15.3 per cent of the American-bred have records of over 500 pounds of fat. In other words, the proportion of imported cows having records above 500 pounds of fat is 61 per cent greater than that of American-bred animals.

The oldest cow in the advanced registry is 4885 Casseopia. Up to advanced register cow 3984, the last registered cow in the advanced registry is Jennie Glenwood of Iverness 54504, A. R. 3954, so that the total number registered between these numbers, 4885 and 54504, would be 49,619. Of this number 6,103 were imported. As stated previously, there are 1,015 imported cows in the advanced registry out of the first 3,984, which would show that 16.63 per cent of all the imported cows are in the advanced registry. Deducting the imported cattle from the total number would leave 43,416 American-bred cows, of which 2,969, or 6.85 per cent, are in the advanced registry.

My own opinion is that we need every good Guernsey cow that we can get in this country, no matter whether she is home-bred or imported, and we should get ride of the poor ones, no matter where they were bred.

The development of the breed in the United States has been in the hands of the American Guernsey Cattle Club, which was organized Feb. 7, 1877, at the Astor House, New York City, the following persons being present: Dr. Charles



Galaxy's Sequel 16904, imported by W. W. Marsh and Charles L. Hill. He has 39 Advanced Registry daughters with yearly records up to 640.67 pounds of fat.

R. King, S. W. Comly, Thomas M. Harvey, Ezra Michener, Pennsylvania; Silas Betts and Mason C. Weld, New Jersey; James P. Swain Jr., New York; Charles M. Beach and Edward Norton, Connecticut; E. F. Bowditch and James M. Codman, Massachusetts.



W. H. CALDWELL
Secretary of the American Guernsey Cattle Club.

The following were the first officers of the club: President, Dr. Charles R. King, Andalusia, Pa.; secretary and treasurer; Edward Norton, Farmington, Conn.; executive committee, Thomas M. Harvey, West Grove, Pa.; James P. Swain Jr., Bronxville, N. Y.; James M. Codman, Brookline, Mass.; Silas Betts, Camden, N. J.

The first annual meeting of the club was held Dec. 19, 1877, and at that time it was reported that 60 bulls and 133 cows had been entered in the herd book by 40 different breeders.

Mr. Norton continued as secretary until his death in 1894, when W. H. Caldwell, the present secretary, was elected. The club has been very fortunate in having had but these two capable and efficient secretaries in all of these years of its existence. Dr. King served as president until 1882, when Dr. J. N. Borland, of Connecticut, was elected and served until 1887. Silas Betts of New Jersey served seven years from 1888 to 1895, inclusive, when, at his death, James M. Codman of Massachusetts was elected and served until 1912. Charles L. Hill, of Wisconsin, was elected in 1912, serving two years, when James Logan Fisher, of Pennsylvania, was elected.

The scale of points adopted by the club in 1877 was as follows:

	Counts	Points
Quality of milk.....		30
Skin deep yellow, in ear, on end of bone of tail, at base of horn, on udder, teats, and body generally.....	20	
Skin loose, mellow, with soft, fine hair.....	10	
Quantity and duration of flow.....		40
Escutcheon wide on thighs, high and broad, with high ovals	10	
Milk veins long and prominent.....	6	
Udder full in front.....	6	
Udder full and well up behind.....	8	
Udder large, but not fleshy.....	4	
Udder teats squarely placed.....	4	
Udder teats of good size.....	2	
Size and substance.....		16
Size for the breed.....	5	
Not too light bone.....	1	
Barrel round, and deep at flank.....	4	
Hips and loins wide.....	2	
Rump long and broad.....	2	
Thighs and withers thin.....	2	
Symmetry		14
Back level to setting on of tail.....	3	
Throat clean, with small dewlap.....	1	
Legs not too long, with hocks well apart in walking.....	2	
Tail long and thin.....	1	
Horns curved and not coarse.....	2	
Head rather long and fine, with quiet and gentle expression	3	
General appearance	2	
	100	100

For bulls, deduct 20 counts for udder.

For heifers, deduct 20 counts for udder.

The only change made in this score card in the next 10 years was to take two points from the escutcheon and add them to "udder teats of good size," and note under score card said, "for bulls, deduct 18 counts for udder."

At the annual meeting held in December, 1898, W. D. Hoard, J. M. Codman and Secretary Caldwell were appointed a committee to revise the score card, and December 13, 1899, the following scale was adopted:

For Cows.

	Counts	Points
Dairy temperament; constitution.....		38
Clean cut, lean face; strong, sinewy jaw; wide muzzle with wide open nostrils; full, bright eye with quiet and gentle expression; forehead long and broad.....	5	
Long, thin neck with strong juncture to head; clean throat; back bone rising well between shoulder blade; large, rugged spinal processes, indicating good development of the spinal cord.....	5	
Pelvis arching and wide; rump long; wide, strong structure of spine at setting on of tail; long, thin tail with good switch; thin incurving thighs.....	5	
Ribs amply and fully sprung and wide apart, giving an open, relaxed conformation; thin, arching flanks.....	5	
Abdomen large and deep, with strong muscular and naval development, indicative of capacity and vitality.....	15	
Hide firm yet loose, with an oily feeling and texture, but not thick	3	
Milking marks denoting quantity of flow.....		10
Escutcheon wide on thighs; high and broad, with high ovals	2	
Milk veins long, crooked, branching and prominent, with large or deep wells.....	8	
Udder formation		26
Udder full in front.....	8	
Udder full and well up behind.....	8	
Udder of large size and capacity.....	4	
Teats well apart, squarely placed, and of good and even size	6	
Indicating color of milk		15
Skin deep yellow in ear, on end of bone of tail, at base of horns, on udder, teats and body generally. Hoof, amber colored	15	
Milking marks denoting quality of flow.....		6
Udder showing plenty of substance but not too meaty...	6	
Symmetry and size.....		5
Color of hair a shade of fawn, with white markings. Cream colored nose. Horns amber colored, small, curved and not coarse	3	
Size for the breed—Mature cows, four years old or over, about 1,050 pounds.....	2	
	100	100

For Bulls

	Counts	Points
Dairy temperament; constitution.....		38
Clean cut, lean face; strong, sinewy jaw; wide muzzle with wide open nostrils; full, bright eye with quiet and gentle expression; forehead long and broad.....	5	
Long, masculine neck with strong juncture to head; clean throat; back bone rising well between shoulder blades; large, rugged spinal processes, indicating good development of the spinal cord.....	5	
Pelvis arching and wide; rump long; wide, strong structure of spine at setting on of tail; long, thin tail with good switch; thin incurving thighs.....	5	
Ribs amply and fully sprung and wide apart, giving an open, relaxed conformation; thin, arching flanks.....	5	
Abdomen large and deep, with strong muscular and naval development, indicative of capacity and vitality.....	15	
Hide firm yet loose, with an oily feeling and texture, but not thick	3	
Dairy prepotency		15
As shown by having a great deal of vigor, style, alertness, and resolute appearance	15	
Rudimentaries and milk veins.....		10
Rudimentaries of good size, squarely and broadly placed in front of and free from scrotum. Milk veins prominent	10	
Indicating color of milk of offspring.....		15
Skin deep yellow in ear, on end of bone of tail, at base of horns, and body generally. Hoof, amber colored....	15	
Symmetry and size		22
Color of hair a shade of fawn, with white markings. Cream colored nose. Horns amber colored, small, curved and not coarse	8	
Size for the breed—Mature bulls, four years old or over, about 1,500 pounds	4	
General appearance as indicative of the power to beget animals of strong dairy qualities.....	10	
	100	100

At a meeting of the club held at Chicago, October, 1914, the question of again revising the score card was brought up and a committee consisting of the executive committee, the president, secretary, and J. M. Codman, J. L. Hope, Frank Fox, H. W. Griswold, W. L. Erbach and J. E. Russell was elected to revise the score card.

The growth of the business of the club has been gratifying and continuous. The report of the treasurer of the club, at the eighth annual meeting, showed a total business for the year of \$1,629. At the 24th annual meeting, in 1901, the treasurer's report showed business of \$9,710.25, while at the 38th annual meeting in 1915 it showed a business of \$86,309.06.

CHAPTER V.

The First Private and Official Tests

What is believed to be the first record of a Channel Islands cow made and published in the United States is found in Vol. IV., page 115, of the "Memoirs of the Philadelphia Society for the Promotion of Agriculture." It is quoted here from Vol. I. of the Herd Registry of the American Jersey Cattle Club, page 21.

"I have upon my farm on the Delaware a cow of the Alderney breed, imported a short time since by Mr. Wurts. She has been fed in the usual way with potatoes, and during the last week the milk from her was kept separate and yielded 8 pounds of butter. The cow is a small animal, and is supported with less food than our ordinary stock.

"By communicating this fact to the society, it will oblige, etc.
"January 11, 1817. RICHARD MORRIS.

"P. S.—The cow is three years old.

"To Roberts-Vaux, Secretary of the Philadelphia Society for Promoting Agriculture."

In a note on the same page it is stated "that the cow above referred to is now in the possession of another member of the Agricultural Society; and after a fair trial made with her during last summer (1817) the superior richness of her milk, when compared with that of other cows, has been fully tested. She gave $9\frac{1}{2}$ pounds of extremely rich, highly-colored butter per week."

Another mention of the same cow will be found in the fifth volume of the same work, page 47, viz:

"Germantown, Oct. 20, 1818.

"With this you will receive a pound of butter made from the Alderney cow imported in 1815 by Maurice and William Wurts, and now in my possession. She calved on the 13th of last month, and is now in fine condition, running on excellent pasture of orchard grass and white clover, and gives on an average about 14 quarts of milk per day. From this quantity, during the week ending the 7th instant, we obtained 10 quarts of cream, which produced 8 pounds 2 ounces of butter, and the week succeeding $10\frac{1}{2}$ quarts, which gave $8\frac{3}{4}$ pounds of the quality of the sample sent. You will perceive it is of so rich a yellow that it might be suspected that some foreign coloring matter had been added to it; but you may rely on it this is not the case. I add that one of the good properties of this valuable breed of cattle is the ease with which the cream is churned, requiring but a few minutes to convert it into butter. When a proper opportunity occurs, I shall endeavor to ascertain the quantity and quality of butter to be obtained per week from the Derry cow, imported this summer from

Ireland, and the Brittany cow from France, both of which breeds I have pure.

"I remain respectfully,

"REUBEN HAINES.

"Richard Peters, Esq."

In Chapter III. there is given a partial record of the cow Guernsey 184, A. G. C. C., which indicates that she was up to the standard of the breed of today. Her daughter, Katie 189, is credited with 14 pounds 5 ounces of butter in a week, which record was probably made before 1860.

In 1854 Thomas Motley published a yearly butter record of the Jersey cow Flora 113, A. J. C. C., which was 511 pounds 2 ounces of churned butter. It would seem that this splendid record should have early stimulated owners of all breeds of cows to make yearly butter records, but, of course, such records involved much work and attention. I think no yearly butter record of a Guernsey cow was ever published, though, following this record of Flora's, several private yearly records were published of Jersey cows and some of other breeds.

A few weekly butter records were made almost as early as that recorded of Katie, and many since. While they are of but little value in judging a cow, still such records are all we have of many of our early Guernseys. As the list of weekly butter records has not been published for some years, it may be of interest to many who have but recently commenced the breeding of Guernseys. Many of these were fat records with 20 per cent added for overrun.

Seven-day Butter Records.

Name and Number of Cow and Owner	Pounds	Ounces
Royalette 3299—F. W. Tratt.....	28	12
Nubia's Vesta 5986—C. R. Bridgman.....	25	8
Gully V 1590—S. L. Hoxie.....	24	2
Lily Ella 7240—Jas. H. Beirne.....	23	11¾
Imp. Bessie de la Pailloterie 1409—E. F. Bowditch.....	23	8
Fantine II 3730—Chas. Solveson.....	23	7½
Fernwood Lily 1468—L. W. Ledyard.....	22	11½
Select 2205—Francis Shaw.....	22	8
Kathleen 38—L. W. Ledyard.....	22	4
Lilyita 7241—Jas. H. Beirne.....	22	1½
Forest Queen 2019—Corydon Peck.....	22	0
Imp. Blanche Chameau 676—A. Warner.....	21	14
Rutilla's Daughter 6670—H. McK. Twombly.....	21	9
Duchess of Brittany 1613—S. L. Hoxie.....	21	4
Chellie II 7130—Dr. E. P. Turner.....	21	4
Lucille 115—E. F. Bowditch.....	21	0
Madame Tricksey 6519—Geo. C. Hill & Son.....	20	10
Garnet of Lehigh 2208—A. R. Fuller.....	20	0
Minnehaha 1554—Corydon Peck.....	19	6
Elegante 592—L. W. Ledyard.....	19	6
Beautella 3293—Jas. H. Beirne.....	19	4
Polly of Fernwood 1565—L. W. Ledyard.....	19	1½
Lady May 531—L. W. Ledyard.....	19	0
Queen Deette 9794—A. J. Philips.....	18	14¾
Fernleaf 636—L. W. Ledyard.....	18	13

Bretonne 3660—Levi P. Morton.....	18	12½
Vestal of Larchmont 1507—Francis Shaw.....	18	12½
Gypsy of Racine 9639—Geo. C. Hill & Son.....	18	11.7
Mentor Maid 13261—Belle Vernon Farms Dairy Co.....	18	11
Politesse 1329—Est. E. F. Bowditch.....	18	11
Mernalette 5723—Geo. C. Hill & Son.....	18	10
Count Topsy 11680—Jas. H. Beirne.....	18	9
Stella IV 1598—S. L. Hoxie.....	18	4
Rose of Maple Glen 2458—Corydon Peck.....	18	2
Miss Bobolink 2157—Est. E. F. Bowditch.....	18	0
Imp. Jessie of Lester Manor 740—Francis Shaw.....	18	0
Coraline 1790—I. J. Clapp.....	18	0
Coral II 98—Jas. M. Codman.....	18	0
Silky 470—James Logan Fisher.....	18	0
Belle Forest II 68—James P. Swain Jr.....	18	0
Valentine de Gron 7641—L. P. Morton.....	18	0
Countess Bishop 7869—Geo. C. Hill & Son.....	17	12
Mary Marshall 5604—Ezra Michener.....	17	12
White Rose 44—F. S. & S. W. Comly.....	17	11½
Rosebud IV of Les Vauxbelets 1037—I. J. Clapp.....	17	10
Honorina IV 5989—H. McK. Twombly.....	17	10
Yeksa 2426—Mrs. Etta Foster.....	17	8
Primrose Tricksey 7236—Geo. C. Hill & Son.....	17	6½
Suke of Rosendale 6526—Geo. C. Hill & Son.....	17	6
Virginia of Madison 6000—H. McK. Twombly.....	17	4½
Miss Gypsy 9641—John W. Scribner.....	17	4
Glenwood Girl IV 9110—E. T. Gill.....	17	4
Lily of Prospect 615—I. J. Clapp.....	17	4
Forest Queen 7057—Dr. E. P. Turner.....	17	3
Imp. Dawn 711—Francis Shaw.....	17	2½
Coralette 5722—Geo. C. Hill & Son.....	17	2
Dolly's Ada 9289—G. B. Tallman.....	17	1
Trefoil 522—Chas. R. King.....	17	0
Merry Rose 3766—Ezra Michener.....	17	0
Fantasia S 7921—Chas. Solveson.....	17	0
Normandie Fanny 11682—Jas. H. Beirne.....	16	15½
Berkshire Maid 2d 4600—W. D. Richardson.....	16	14½
Hazelnut 1788—I. J. Clapp.....	16	14
Dawn's Twilight 12201—Jas. H. Beirne.....	16	11
Lady Bishop 6518—Geo. C. Hill & Son.....	16	10½
Lilyita 2d 12210—Jas. H. Beirne.....	16	9½
Materna 1534—N. K. Fairbank.....	16	8
Yeksa Queen 6631—A. J. Philips.....	16	8
Countess Bishop 7869—Geo. C. Hill & Son.....	16	7¾
Champion's Sweet Briar 3d 3021—University of Minnesota.....	16	7¼
Essence 3667—Levi P. Morton.....	16	4.6
Imp. Fanny 410—A. Warner.....	16	4
May Bishop 8604—Geo. C. Hill & Son.....	16	4½
Daisy L. Hodgson 10311—Chas. Solveson.....	16	4
Imp. Musette Ford 1600—S. L. Hoxie.....	16	4
Valencia 664—Jas. L. Fisher.....	16	3½
Quartz 4022—Robt. W. Lord.....	16	3½
Miss Bishop 7868—Geo. C. Hill & Son.....	16	2¾
Princessa 4th 469—Jas. L. Fisher.....	16	2
Martha Lyons 5697—Wm. H. Caldwell.....	16	1½
Coral of Paulsdales 3497—I. J. Clapp.....	16	0
Young Polly 3492—E. F. Bowditch.....	16	0
Imp. France 2207—Francis Shaw.....	16	0
Rose Forest 2d 888—Corydon Peck.....	16	0
Daisy Pearl 2990—H. McK. Twombly.....	15	15¾
Pancha 2105—I. J. Clapp.....	15	15½
Grand Daughter 223—E. F. Bowditch.....	15	15½
Imp. Sundari X 7638—H. McK. Twombly.....	15	15¼
Sweet Ada 3596—J. M. Eddy.....	15	14½
Amanda 2553—James Logan Fisher.....	15	12¾
Regina 2691—Geo. C. Hill & Son.....	15	12
Dolly Ford 1595—S. L. Hoxie.....	15	12
Nellie 122—Wm. B. Cooper.....	15	11
Miss Bishop 7868—Chas. L. Hill.....	15	10
Imp. Belvidera 7644—H. McK. Twombly.....	15	10
Young Constance 1415—E. F. Bowditch.....	15	8¾

Imp. Primrose Ford 1589—S. L. Hoxie.....	15	8
Glenwood Girl VI 9113—E. T. Gill.....	15	7½
Coca 4258—H. McK. Twombly.....	15	7½
Imp. Notre Dame 10894—H. McK. Twombly.....	15	7
Balboa's Select 7741—Chas. Solveson.....	15	5½
Imp. Rose des Cotils II 3684—Levi P. Morton.....	15	4
Marguerite of Level Green 7966—H. McK. Twombly.....	15	3
Forest Queen II 7057—Dr. E. P. Turner.....	15	2½
Imp. Darling of Braintree 635—Francis Shaw.....	15	2
Selectrina 6213—H. McK. Twombly.....	15	1½
Imp. Flora de la Foret 10895—H. McK. Twombly.....	15	1½
Select 8th 4059—Francis Shaw.....	15	1.1
Imp. Queenie Quartier 1092—I. J. Clapp.....	15	1
Imp. Passagere II 1528—Levi P. Morton.....	15	¾
Little Gem 12204—Jas. H. Beirne.....	15	0
Faucette V 2806—Geo. C. Hill & Son.....	15	0
Worthy Beauty 295—T. M. Harvey & Son.....	15	0
Imp. Lily of Castel 846—S. C. Kent.....	15	0
Imp. Victorine 56—Francis Shaw.....	15	0
Euphemia 2005—Ezra Michener.....	15	0
Regina's Tricksey 5724—Geo. C. Hill & Son.....	15	0
Cousin Bonita 4512—E. F. Bowditch.....	15	0
Miss Beautiful 4598—E. F. Bowditch.....	15	0
Glenwood Girl III 9109—E. T. Gill.....	14	15¾
Rosette Ford 4067—S. L. Hoxie.....	14	14½
Lucretia's Daughter 11256—E. T. Gill.....	14	14½
Imp. Richesse du Chene V 7738—H. McK. Twombly.....	14	14
Queen Vashti 6051—A. J. Philips.....	14	12½
Bonnie Beauty 10082—Geo. C. Hill & Son.....	14	12
Moss Rose 1180—I. J. Clapp.....	14	12
Margaret B 2038—I. J. Clapp.....	14	12
Countess of Fernwood 1464—L. W. Ledyard.....	14	12
Brier Rose 10316—E. T. Gill.....	14	9
Evaline's Nubia 11414—Jas. H. Beirne.....	14	8
Imp. Beauty of Geneva 819—N. K. Fairbank.....	14	8
Beulah II 134—J. P. Swain Jr.....	14	8
My Pet 3094—E. N. Howell.....	14	8
Dainty Maid 5906—G. E. Gordon.....	14	7
Imp. Fernwood Fancy 37—C. M. Beach.....	14	6
Imp. Guernsey Rose 5992—H. McK. Twombly.....	14	5¾
Glenwood Girl VII 9114—E. T. Gill.....	14	5¾
Cloverdale 9719—John W. Scribner.....	14	5
Imp. Angela's Beauty 10913—H. McK. Twombly.....	14	5
Katie 189—J. P. Swain Jr.....	14	5
Glenwood Girl II 9108—E. T. Gill.....	14	4¾
Lenox Dale Maid 5880—Chas. Solveson.....	14	4½
Imp. Miss Jehan 780—Francis Shaw.....	14	4
Primrose Ford IV 3302—S. L. Hoxie.....	14	3½
Imp. Minette of the Isles 10909—H. McK. Twombly.....	14	3½
Samanna 11265—E. T. Gill.....	14	2¾
Miss Meadows of Level Green 7968—H. McK. Twombly.....	14	2¾
Imp. Bella of the Isles 10907—H. McK. Twombly.....	14	2¾
Sunbeam's Dawn 9467—Chas. Solveson.....	14	2½
Madame Bishop 2724—Charles L. Hill.....	14	2
Victorina 6212—H. McK. Twombly.....	14	2
Yellow Gal 11266—E. T. Gill.....	14	2
Sunbeam's Dawn 9467—Chas. Solveson.....	14	2
Sheet Anchor's Honoria 9163—H. McK. Twombly.....	14	1
Nounon 6569—Geo. C. Hill & Son.....	14	1
Benjamin's Primrose 7820—Geo. C. Hill & Son.....	14	¾
Imp. Vestall II 2201—Francis Shaw.....	14	0
Imp. Select II 2229—Francis Shaw.....	14	0
Bounty 3091—E. N. Howell.....	14	0
Imp. Sybil 779—Francis Shaw.....	14	0
Rose K 199—Chas. R. King.....	14	0
Imp. Betsey 112—E. F. Bowditch.....	14	0
Miss Agnes 1026—E. F. Bowditch.....	14	0
Young Celia 4513—E. F. Bowditch.....	14	0
Good Morning 3674—Levi P. Morton.....	14	0

I think, with the exception of the cow Katie, none of these

records was made previous to 1870. The only reason that can be given why more weekly butter records were not made by Guernsey cows is that the majority of them were in the hands of well-to-do gentlemen who kept them to supply their own and their friends' tables with milk, cream and butter. Knowing the worth of their cows and having a ready market for the increase of their herds, they failed to become imbued with the testing idea. The same could be said, however, of Jersey breeders, and they were testing their cows. It may, perhaps, be true also that, realizing how little a weekly record could be depended upon as a real gauge of a cow's value, they declined to engage in this kind of work.

Guernsey breeders early showed an inclination toward yearly records.

The cow, Lily Alexandre 1059, made the following yearly milk record:



Lily Alexandre 1059, A. G. C. C.—12,856 lbs. milk in 1888 and 1889.

	Pounds
1888	
October	1,306
November	1,218½
December	1,132½
1889	
January	1,010¾
February	912
March	1,067½
April	1,047½
May	1,236¾

1889	Pounds
June	1,132½
July	1,016
August	953¾
September	822½
Total	12,856

At the end of her trial she was still giving 28 pounds milk daily and was within two months of calving. The chemical analysis of her milk, made at this time, showed 7.02 per cent butter-fat, so she must have been a cow that would have made a large yearly fat record as well.

Ezra Michener, of Lumberville, Pa., reported the following very good record of his cow, Euphemia 2005, for the year ending April 15, 1889: 8,685.75 pounds milk, and three butter records made in the second, fourth, and sixth months after calving of, respectively, 15, 11 and 9 pounds of butter per week. He estimated that she made at least 511 pounds of butter for the year.

The Babcock test was invented in 1890 by Dr. S. M. Babcock, professor of chemistry in the University of Wisconsin. The whole dairy world has him to thank for a method of easily, cheaply and quickly determining the butter value of milk, which made it possible to test a cow for the year with very much less work than with a churn, and also affording greater accuracy as far as the cow's work was concerned.

On February 28, 1891, I reported to Hoard's Dairyman a weekly butter-fat record for the cow, Imp. Regina 2691, the record being 283.75 pounds milk, testing 13.59 pounds fat, and this I believe to be the first butter-fat record reported.

The yearly milk and fat records made in the herd of N. K. Fairbank, of Chicago, whose farm was at Lake Geneva, Wis., had much to do in bringing about a sentiment that led to the general adoption of the yearly record system. W. H. Lawrence, who had charge of the herd the 22 years of its existence, was always fully as much interested as the owner, and great credit should be given both of these gentlemen for the work done by that herd.

This herd was founded by the purchase of three head in February, 1881. Commencing with the year 1883, an account was kept of every pound of milk produced by each individual cow until the dispersion of the herd in 1903. I still have in my possession the books in which the records were kept during these 20 years, and they contain so much material for thought and instruction as to make it worth while to publish the data in this book.

Until the invention of the Babcock test, Mr. Fairbank made frequent churn tests of his cows, so that he kept well informed of their butter production as well. Commencing in 1892, fat tests were made of the milk each month and the percentages used in computing the approximate totals for the yearly fat records. I feel sure that the records of this herd will be found of interest:

Yearly Milk and Fat Records of the Fairbank Herd.

Name	Year	Days	Pounds milk	Average per cent fat	Pounds fat
Wild Rose 370.....	1883-4	263	6,104.04		
	1884-5	306	5,629.02		
	1885-6	304	6,607.03		
	1886-7	365	6,680.10		
	1888	289	6,343.12		
	1888-9	241	3,900.15		
Bonnie 697	1889-0	304	4,447.08		
	1883-4	251	5,193.07		
	1884-5	288	6,292.13		
	1885-6	439	9,469.02		
	1887-8	340	6,429.13		
	1888-9	253	4,368.10		
Beauty of Geneva 819.....	1883-4	293	7,149.04		
	1884-5	111	2,514.15		
	1887-8	243	4,716.03		
Duchess of Geneva 847.....	1883-4	336	6,928.12		
	1885	298	7,149.04		
	1886	304	6,569.15		
	1884	210	4,635.05		
Nerissa of Geneva 848.....	1885	287	5,698.11		
	1886-7	344	8,168.04		
	1887-8	313	7,881.01		
	1888	283	7,246.13		
	1889	273	5,116.02		
	1889-0	243	3,026.13		
	1887-8	263	6,073.18		
	1888	263	4,578.10		
Type 2d 1156.....	1889-0	306	4,788.14		
	1884-5	416	8,669.1		
	1886	262	6,885.5		
Materna 1334	1887	319	9,381.8		
	1888	275	4,963.6		
	1888-9	297	8,802.3		
	1889-0	298	7,819.7		
	1890-1	304	7,331.3		
	1891-2-3	489	10,299.2	4.90	504.64
	1893-4	at the World's Fair			
	1894-5	290	4,921.5	4.60	232.17
Zoe 1423	1895	44	1,077.0	4.52	48.68
	1885-6	181	2,720.07		
	1886-7	358	5,377.12		
	1888	274	7,078.12		
	1889	334	5,514.14		
	1890	125	1,669.11		
Champion's Beauty 1575.....	1886	292	5,869.15		
	1887	304	5,770.09		
	1888	272	6,991.14		
	1888-9	265	5,990.08		
	1889-0	286	6,992.15		
Susanne du Haut Chemin II 1817	1884-5	416	6,640.12		
	1886	249	5,537.03		
	1886-7	300	5,536.05		
	1887-8-9	442	9,527.04		
	1889-0	360	6,739.10		

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Name	Year	Days	Pounds milk	Average per cent fat	Pounds fat
Rogina 1833	1884-5	242	4,461.04		
	1885-6	315	5,955.03		
	1886-7	273	4,634.06		
	1887-8	282	6,526.12		
Bonnieline 2083	1888	99	1,967.03		
	1886	303	5,643.03		
	1887-8	366	7,617.15		
	1888-9	262	5,432.05		
Maternalette 2127	1889-0	285	5,055.00		
	1887-8	385	8,930.15		
	1888-9	281	6,452.02		
	1889	251	6,547.07		
Type of Graystone 2721.....	1890	175	5,305.12		
	1887	341	6,500.20		
	1888	263	6,134.40		
	1889-0	384	7,104.6		
	1890	108	3,917.5		
	1891	250	5,861.4		
	1892	228	5,875.7	4.58	269.14
	1892-3	285	5,928.5	4.58	271.52
Herald's Garnet 3024.....	1893-4	304	6,088.8	4.68	284.85
	1894-5	159	4,801.4	4.70	112.08
	1888-9	283	4,611.01		
	1889-0	253	5,014.11		
La Genesta 2986.....	1888	304	6,153.02		
	1889	270	4,403.10		
	1889-0	260	6,968.11		
	1889	253	5,646.01		
Roselia 3298	1890	209	4,729.01		
	1888-9	335	6,611.9		
	1889-0	252	4,775.7		
	1890-1	373	5,712.4		
Zoella 3301	1891-2	394	7,648.2		
	1892-3	287	5,906.6	5.30	313.05
	1893-4	313	5,948.5	5.50	327.16
	1894-5	263	5,882.0	4.90	288.21
Nerissola 2d 3837.....	1890	176	3,294.14		
Omega 3838	1889-0	234	4,238.08		
Tidy 3839	1890	129	2,390.02		
Fernwood Robinette 3905.....	1891-2	335	6,584.5		
	1892	315	6,450.2	5.74	345.24
	1893	332	6,039.2	5.68	340.05
	1894	280	6,192.3	4.49	278.03
to June 30, 1895	1894-5	205	4,697.0	5.22	245.18
Primula 3915	1891	356	6,529.2		
	1892	280	6,073.0	5.51	334.62
	1893	303	6,039.2	5.10	307.99
	1894-5	209	5,522.1	5.34	294.88
	1895-6	309	6,645.2	5.02	333.58
	1896-7	252	6,026.7	5.05	304.34
	1892	253	5,100.8	4.80	244.63
	1893	242	5,663.7	5.04	285.45
Nutwood's Garnet 4667.....	1893-4	253	5,674.1	4.77	270.65
	1894-5	194	5,972.6	4.68	278.51
	1892-3	365	5,537.5	6.40	354.41
	1893-4	at the World's Fair			
Woglinde 5005	1894-5	229	6,200.1	6.00	371.67
	1892-3	286	5,866.2	4.66	273.36
	1893	265	4,415.9	4.85	214.17
	1894	309	7,360.4	4.76	350.35
	1895	337	6,614.7	4.64	306.92
	1896-7	421	8,576.0	4.87	417.65
	1892-3	286	5,495.0	4.37	240.13
	1893-4	375	6,154.9	4.93	303.43
Seiglinde 5003	1894-5	271	5,499.2	4.32	237.56
	1895	81	2,535.6	4.16	105.48
	1892-3	291	4,614.9	5.36	245.84
	1893-4	316	6,550.3	5.74	374.00
Grafin Von N 5708.....	1894-5	242	6,280.8	5.26	330.39

Name	Year	Days	Pounds milk	Average per cent fat	Pounds fat
Weigunde 5004	1892-3	239	4,389.9	4.45	195.35
	1893-4	293	5,525.7	4.68	268.60
	1894	228	4,084.5	4.21	171.95
	1895	66	2,372.5	4.52	107.23
Lady Waller 2d 5381.....	1892-3	419	5,107.4	5.42	278.49
	1893-4	304	5,371.2	5.30	284.67
	1894-5	209	4,003.1	5.00	200.15
Dolina 5705	1893-4	396	5,936.7	6.00	296.83
	1894-5	295	5,503.0	4.47	247.65
	1895	61	1,380.8	4.70	54.89
Mafia 5707	1893-4	482	7,007.9	4.92	361.45
	1894-5	281	5,483.7	4.61	250.95
Typical 5710	1893	306	5,075.8	5.01	254.30
	1894	271	4,211.9	5.02	211.44
	1895	282	6,070.7	5.00	303.43
	1896	300	5,280.1	5.40	285.12
	1897	316	6,941.1	4.77	331.05
Garnetelle 5946	1893-4	446	6,131.5	5.58	342.13
	1895	159	3,673.6	5.04	184.31
Morn 5947	1894-5	354	7,606.8	5.71	434.35
	1895-6	350	7,450.6	5.81	543.87
	1896-7	314	6,565.4	5.90	387.35
Zoelita 5949	1893-4	365	7,071.6	4.58	323.87
	1894-5	281	5,852.5	4.21	246.39
Bonny Eileen 6064.....	1894-5	280	6,678.2	4.36	291.16
	1895	30	1,006.6	4.40	44.29
Jacob's Kind 6065.....	1893-4	165	6,480.8	4.95	320.79
	1894-5	212	5,120.9	4.35	222.31
Tildywink 6067	1895	30	748.00	4.20	31.83
	1895	21	453.6	4.00	18.14
Alma Mater 6596.....	1894-5	324	5,040.5	4.22	222.71
	1895	21	433.6	4.00	18.14
Flossiana 6587	1895	21	547.5	4.20	22.99
Lassie of Geneva 6598.....	1895-6	323	6,297.9	4.33	277.02
	1896-7	457	7,392.6	4.64	343.01
Grafina 6647	1895	108	3,193.1	4.10	130.91
Maternas Fair 7238.....	1895-6	307	5,946.3	5.08	302.07
	1896-7	273	4,006.8	5.51	220.77
Maternalette 2d 6854.....	1894-5	315	6,625.7	4.93	326.64
	1895-6	301	6,764.7	5.60	378.87
	1896-7	347	7,756.1	4.86	376.46
Seig 6855	1895	18	430.6	3.80	16.36
Garnet's Fair 7238.....	1895-6	315	3,975.3	5.44	220.23
Kindness 7239	1895-6	316	7,783.1	4.41	343.23
	1896-7	328	9,447.4	4.41	416.63
Maltern 7494	1896-7	365	5,806.0	5.13	299.84
Melba 7617	1896	340	8,419.3	4.50	374.36
	1897-8	362	7,323.8	4.62	338.35
Robiline 7618	1896-7	360	6,889.7	5.42	373.42
	1897-8	332	5,400.8	5.71	308.38
Duchinette 2d 7237.....	1896	318	7,669.7	4.92	377.34
	1897	379	5,971.1	5.04	300.94
Arachine 8061	1897	365	8,726.1	4.06	354.27
Iris of Geneva 8060.....	1897	304	5,749.2	5.18	297.80
Primula 2d 8057.....	1897	365	7,386.6	4.81	355.29
Teresita 8056	1897-8	414	8,941.9	5.65	505.21
Electra of Geneva 8059.....	1897	365	7,142.6	5.11	375.98
Alecta 8062	1897	270	5,852.5	4.68	273.89
Isa of Geneva 6648.....	1895	150	3,179.0	3.98	105.44

Mr. Fairbank was careful to publish a summary of each record every year or two as the work progressed, and I know it was the reading of these accounts that first inspired me to take up work along the same line. From the time that our first Guernsey heifer freshened, in March, 1888, we weighed

the milk of every pure-bred Guernsey in the herd, and have continued to do so to the present. We began to keep yearly fat records in 1892.

Yearly records of the Ellerslie herd, owned by Levi P. Morton, were carefully kept; and under date of February 16, 1893, Superintendent W. M. Cottrell reported to Hoard's Dairyman that the average yield per head for the 62 cows and heifers that had had a year's work completed was 6,119.75 pounds of milk. The individual records over 6,000 pounds milk were as follows:

Name of Animal	Months in milk	Pounds
Passagere I 1528.....	12	10,316
Golden Gypsy 3672.....	13	9,102½
Stately III 3702.....	10	8,687½
Cream Horn II 5663.....	12	8,398¾
Good Morning 3674.....	12	8,321½
Rosette V 3696.....	12	8,295½
Sunbeam de la Porte 3703.....	8	8,252¾
Lady Bountiful 3649.....	12	8,014
Duchess of Ellerslie 3666.....	12	7,803¾
Rubina 3700.....	12	7,530½
Bretonne 3660.....	12	7,496
Rose des Cotils II 3694.....	12	7,473½
May Blossom 3687.....	12	7,278¾
Lily of Orange II 3684.....	10½	7,244¾
Diss III 3664.....	12	7,133½
Miss Amy 504.....	11	6,963¾
Margo 2d 3686.....	8	6,908½
La Mignonne 3676.....	9½	6,964½
Rosabella 3698.....	12	6,907½
Queen of Honor 2d 3692.....	12	6,718½
Bienfaitrice IV 3657.....	10	6,464½
Bella Luce 2d 3655.....	11½	6,434
Appoline 3651.....	12	6,398
Rosy Cross 3662.....	10	6,424½
Rosaline III 3697.....	10	6,393½
Rose V of the King's Mills 3695.....	10	6,340
Floena VI 3670.....	11	6,302½
Belle of the Hill 2d 3656.....	12	6,239½
Essence 3667.....	10	6,211
Fill Pail's Garnet 3671.....	10	6,135
Madeline 3d 3685.....	8½	6,160¾
Ruddy Lassie 3699.....	8½	6,129½
Mina 3d 3699.....	12	6,074

In August, 1893, the Morton barn was unfortunately destroyed by fire and only one cow of the original herd escaped death. Records were again kept of the new herd, of which the following is a list that includes every animal that completed a year's work in 1896, and only such cows as did complete such records are given:

Yearly Records of the Ellerslie Herd, 1896-7.

Name of animal	Age years	Pounds milk in one year	Average per cent butter-fat	Total pounds butter-fat
Imp. Bretonne 3660.....	9	11,218.8		602.9
Buda 7178.....	6	8,559.0	6.96	602.7
Quibble 6017.....	6	10,548.0	5.8	545.3

Name of animal	Age years	Pounds milk in one year	Average per cent butter-fat	Total pounds butter-fat
Imp. Doutta Galla IV 7675.....	6	9,166.0	5.66	519.0
Imp. Villet's Gem 8644.....	5	9,265.0	5.58	517.0
Madge of Avon 6802.....	7	9,198.0	5.59	514.7
Imp. Louise of Ellerslie 8930.....	2	8,770	5.81	510
Imp. Rydale's Jessie 7686.....	6	8,980	5.43	487.5
Adario 5653	7	7,378	6.61	487.6
Cousin Beatrice 7303.....	5	10,023	4.83	484
Imp. May Jessie 7678.....	5	7,614	6.24	475.1
Imp. Esmeralda 8657.....	8	10,174	4.66	474.1
Quietness 6018	6	8,299	5.62	466
Imp. Rose of the Quartiers 8654.....	7	7,989	5.68	453.8
Imp. Bonnie Cobi 7671.....	5	7,474	5.91	441.7
Imp. Valentine De Gron 7641.....	7	8,267	5.32	438.8
Lady of Ellerslie 4543.....	9	6,156	7.13	438.8
Decasse 7669	4	7,208	6.04	435.4
Imp. Lady Archer V 6361.....	6	9,223	4.61	425
Imp. Daisy III 7683.....	7	7,386	5.66	418.1
Florence of Guernsey VI 3215.....	12	8,809	4.82	414.6
Deputy's East Lynne 6662.....	6	7,977	5.18	413.2
Miss Caro 7304.....	5	7,101	5.80	418.8
Marguerite of Springside 8544.....	5	6,732	5.94	399.8
Imp. Trusty of Rhinecliff 8659.....	6	8,679	4.60	399
Avon Belle 7289	5	9,069	4.37	386
Pellet 6339	5	6,995	5.60	392
Coleta 7180	5	6,950	5.63	391.3
Mindwell 6029	6	7,460	5.24	391
Imp. Ceasree II 8649.....	5	6,647	5.85	388.9
Imp. Royale IV 8650.....	5	7,277	5.35	388
Sarnietta 7248	5	7,110	5.40	384
Imp. Minuet of Rhinecliff 8652.....	6	5,628	6.76	380.5
Select of Muster Hill 4061.....	7	7,651	4.95	378
Imp. Egypta 8667.....	4	6,938	5.47	378
Acona 5652	7	7,362	5.25	376.5
Imp. May Rose IV 7682.....	7	8,036	4.68	376
Imp. Lily of the Spura IV 8391.....	5	8,645	4.35	376
Imp. Rose of the Ville Amphrey III 7676	4	7,190	5.20	374
Imp. Tamar of Rhinecliff 8661.....	5	6,612	5.58	368.9
Rachel of Ellerslie 7660.....	4	7,127	5.14	366.3
Button 6010	6	6,810	5.28	363.6
Imp. Esperance 5th of the Lohiers 7678	4	8,882	4.09	363
Imp. La Pomare 8663.....	4	7,393	4.90	362
Young Nacelle 7294.....	4	6,367	5.71	361.3
Rangoon 7274	3	7,440	4.76	354
Imp. Flint 8392.....	5	7,763	4.56	353.9
Hope Jewel 6801.....	6	6,276	5.63	353.3
Imp. May Rose V 7681.....	3	5,953	5.84	348
Miss Carrie 5290	8	6,908	5.03	347.4
Alena 6099	7	7,307	4.72	344.9
Imp. Rose of Lilyvale 3d 8645.....	4	5,679	6.05	343.6
Imp. Gypay of Natick 4435.....	10	7,357	4.66	343
Imp. Queen IV 7646.....	3½	6,092	5.63	343
Imp. Noble Girl 8660.....	4	6,749	5.02	339
Victorienne 5629	7	5,908	5.47	323
La Fleur 7246.....	6	5,694	5.46	311
Lady Dorothy 5368.....	7	6,239	4.97	310
Appoline IV 5582.....	6	5,689	5.26	305
Imp. Beauty of the West 4428.....	11	5,489	5.55	304
Minna III 5615.....	6	6,032	5.02	303
Rosette of Eden 5588.....	7	5,533	5.35	296
Imp. Florette 2d of the Lohiers 7684..	7	5,859	5.04	295
Imp. Wrangler's Benefactress 7672...	6	5,344	5.47	292
Imp. Victory of the Fransquets 7689.	7	5,654	5.16	292
Imp. Fairlight 8390.....	6	5,290	5.44	288
Imp. Minehead 8667.....	4	5,638	5.06	285
Imp. Vanguard's Columbia 8648.....	4	5,750	4.92	283
Coleta 7180	4	5,072	5.5	279
Queen Florence 6183	5	5,357	5.07	272

Name of animal	Age years	Pounds milk in one year	Average per cent butter-fat	Total pounds butter-fat
Imp. Princess of Orange 6th 7671....	5	4,880	5.49	268
Cousin Bagful 6012.....	5	4,523	5.8	262
Abilene 5651.....	6	4,330	6	260
Imp. Pretty Maid of Lilyvale 8666...	4	5,048	5.15	260
A la Mode 7245.....	5	5,471	4.73	259
Imp. Gold Lace 8670.....	4	6,173	4.17	257
Xarifa 4631.....	9	4,993	5.12	256
Sweetness 5119.....	7	4,906	5.2	255
Imp. Fair Stella II 5961.....	6	5,137	4.78	245
Young Tamar 3942.....	11	5,683	4.24	241
Lady Daphne 6181.....	5	4,792	5	240
Imp. Rose of Lilyvale 2d 8644.....	4	4,664	5.15	240
Imp. France 3d 2573.....	12	4,595	5.18	238
Mint 7292.....	5	3,954	5.92	234
Imp. Attila 4890.....	11	5,681	4.1	233
Young Rosalie 5619.....	8	4,587	4.25	233
Coletti 7182.....	4	4,227	5.38	228
Maid of Athens 6809.....	4	4,986	4.57	228
Cumin 7291.....	4	4,276	5.3	227
Imp. Philine 5th 8646.....	8	4,568	4.9	223
Colita 7181.....	4	3,872	5.58	222
Imp. Masher's Jessie 7685.....	5	4,700	4.58	215
Sweet Anise 7293.....	4	4,000	5.34	214
Imp. Nacelle 2d 4441.....	12	4,930	4.3	212
Nellie Gray 5372.....	7	3,931	5.4	212
Olga 2605.....	12	4,126	5.12	211
Brasie 6528.....	5	3,714	5.53	205
Alwida 6101.....	6	4,194	4.86	204
Lady Floretta 6182.....	5	4,292	4.72	202
Imp. Rose of Lilyvale 8643.....	8	3,706	5.38	199
Airlie 6101.....	6	3,898	5.04	198
Silvey M 6422.....	5	3,790	5.0	190
Imp. Pride of Rhinecliff 8561.....	7	3,403	5.2	177
Wild Flower 6810.....	4	3,483	5.0	174
Ballie 6524.....	5	3,800	4.55	173
Clossia 7179.....	4	3,637	4.63	169
Imp. Fairlight 2d 6856.....	3	2,906	5.75	167
Sweet Avon 7290.....	4	3,336	4.85	162
Imp. May Lady 4th 7673.....	5	3,355	4.72	158
Cyprus Easy Lynne 6797.....	5	2,389	5.52	132
Cerita 6783.....	4	2,584	4.8	124

N. I. Bowditch, of Framingham, Mass., also early kept yearly records of his herd. In 1896 he reported records from 10 pure-bred cows as follows:

Name of animal	Age years	Pounds milk in one year	Average per cent butter-fat	Total pounds butter-fat
*Politesse 1329.....	15	5,526½	4.7	249½
Miss Bobolink 2157.....	12	8,283	4.6	379
Peace 3292.....	10	5,882	4.7	276½
Young Dolly 3492.....	10	8,013	4.95	396½
Bonnet 3488.....	10	4,348	4.99	216½
Miss Cowalip 4662.....	8	7,117½	4.4	313
Cousin Althea 4510.....	8	5,754½	4.75	273.31
Young Celia 4513.....	8	5,901½	4.47	263.3
Lady Laurel 5288.....	7	6,594½	4.8	316.52
Miss Chicago 6820.....	4	6,053	5.3	320
Averages.....	9.2	6,347½	4.76	300.43

*Politesse has given milk from only two teats for the past three years; kept for her progeny.

"The above records are for the year 1896. The age of cows is taken to September 1, 1897. The feed was 2½ quarts cob meal, 3 quarts bran, 1 pint oil meal and 15 pounds hay daily, except when

at pasture the hay was omitted. During August, September and October, they had 2 bushels cut corn fodder daily instead of hay.

"N. I. Bowditch, Framingham, Mass."

The following records were reported for 1897:

Name of animal	Age years	Pounds milk in one year	Average per cent butter-fat	Total pounds butter-fat
Politesse 1329	15	3,797.75	4.8	182.29
Miss Bobolink 2157	14½	12,437	4.8	576.98
Peace 3292	11	6,427.50	5	321.37
Young Polly 3492	10½	7,330	5.08	372.36
Bonnet 3488	10½	6,618.75	5.6	370.65
Miss Cowslip 4662	8½	7,927	4.6	364.65
Cousin Amelia 4511	8½	7,978	3.9	304.14
Cousin Althea 4510	8½	6,911	4.9	338.63
Cousin Bonita 4512	8½	7,012.25	4.7	329.57
Young Celia 4513	8½	7,397.50	4.7	347.31
Miss Beautiful 4597	8½	7,610.75	4.3	327.26
Young Dido 5291	7½	4,292.50	5.7	244.67
Miss Chicago 6820	5	6,818.50	5.5	375.01
Miss Delight 9053	3	4,802	5.6	268.91
Misswood's Perseverance	6	8,473	5.5	466.01
Cousin Adelina 9051	3	5,050	4.7	236.88

"Average pounds of butter, 397.108. Average length of time in milk, 10¾ months. All the above are Guernseys bred and raised on Millwood Farm.

"N. I. Bowditch."

In 1896, Joseph L. Hope, superintendent of the Florham Farms, Madison, N. J., gave the following record of the Florham herd for 1895:

Name of animal	Age years	Pounds milk in one year	Average per cent butter-fat	Total pounds butter-fat
Rutila's Daughter 6670	3	8,988	5.45	489.84
Honoria 4th, Imp., 5989	5	9,589	4.75	455.47
*Supreme 3d, Imp., 7639	2	7,954	5.17	411.23
Queen of Hearts 7124	2	7,395	5.26	389.00
Selectrina 6213	3	6,495	5.85	379.95
Guernsey Rose, Imp., 5992	5	7,412	4.96	367.67
Victorina 6212	3	6,551	5.48	359.03
*Queen 4th, Imp., 7646	3	6,092	5.63	342.97
Virginia of Madison, Imp., 6000	6	7,128	4.70	335.01
*Rebecca 2d, Imp., 7637	3	5,914	5.66	334.76
Bijou of St. Martins 2d 6214	3	5,015	5.96	298.93
*Comely, Imp., 7642	2	4,932	5.93	292.51
Daisy Pearl, Imp., 5990	5	6,279	4.45	279.43
*Richesse du Chene 5th, Imp., 7648	2	4,735	5.45	258.08
*Grace of the Touillets, Imp., 7650	2	4,919	4.69	230.73
Picture, Imp., 5995	5	5,960	5.04	300.39
Coca 4258	6	4,160	4.75	197.63
*Belvidera, Imp., 7644	1	1,724	4.46	76.92
*Sundari 10th 7638	1	3,798	4.25	162.58
*Deanie 3d, Imp., 7643	1	3,083	4.94	152.30
Guernsey Rose 2d 7121	1	2,079	4.28	88.99
*Lady Antoinette III, Imp., 7645	3	2,480	4.87	120.78
Royal Lady 7126	1	2,306	5.01	115.54
*Posy, Imp., 7636	1	1,797	4.93	88.59
Engadine 7489	1	348	4.95	17.23

Those marked with * were imported and arrived at the farm December 31, 1894.

"From the above it will be seen that 15 cows completed a year's work. Their average butter yield was 417.90 pounds; average milk yield, 6,626 pounds; 15.85 pounds milk to a pound of butter. Their average age at commencement of year was 3 years and 8 months.

Six of the number were newly imported and only reached the farm on the last day of 1894, and seven of the 15 were exhibited at from one to four fairs during the year. These facts are mentioned because the acclimation process (which is usually considered to take a year) and the excitement incident to exhibiting tend materially to reduce the year's record. Of the younger division, five were newly imported and five went the round of fairs.

"J. L. Hope, Superintendent."

George C. Hill & Son reported the following record for 12 cows for the year 1893:

"The following are the Guernsey cows in our herd that have completed yearly records since we tested every month or oftener. Number 12 did not have a calf till four years old, and she became so fat it ruined her and she has gone for beef.

Name	Age Years	Days	Pounds milk	Pounds fat
Coralette 5712	2	388	7,895.1	421.6
Mernie 4493	4	353	7,169.9	376.31
Lady Bishop 6518	2	365	6,568.2	363.1
Fernwood Roanoke 5903	6	339	6,530.1	357.7
Fair Lad's Primrose 3244	8	305	6,841.5	347.31
Coral of Paulsdale 3497	6	305	8,172.2	352.41
Bonnie Beauty 5721	3	314	6,013.4	344.43
Madame Bishop 2724	7	293	5,524.5	316.83
Mernaletta 5723	2	302	5,353	283.78
Suke of Rosendale 6520	2	304	4,716.75	282.13
Prestown 6570	2	285	4,735.6	221.91

Later the following yearly records as a result of private testing in their herd were reported:

Name	Age years	Pounds milk	Per cent fat	Pounds fat
Gypsy of Racine 9639	8	11,247.5	5.45	611.4
Primrose Tricksey 7236	7	9,277	5.66	508
Countess Bishop 7869	3	8,231.2	6.06	499.9
Coralette 5722	3½	8,845.4	5.42	479.7
Madame Tricksey 6519	6	7,714.6	5.71	441.8
Gladys of Doylestown 4293	5	7,200	5.35	385.8
Prestown 6570	6	7,126.3	5.31	378.3
Benjamin's Primrose 7820	5	7,197.5	5.25	378.2
Miss Bishop 7868	4	6,034.5	6.21	374.3
Mernie 4493	4	7,160	5.13	378.8
Lady Bishop 6518	8	7,449.3	5.69	424.4
Madame Bishop 2724	10	7,619.1	5.57	424.1
Nounon 6569	10	7,225.1	5.78	417.8
Madame Tricksey 6519	13	7,091.3	5.83	413.7
Bonnie Beauty 5721	5	7,108.4	5.77	410.5
Fair Lad's Primrose 3244	11	8,789.4	4.49	395
Gypsy Lady 9644	2	6,665.3	5.91	393
Nubia's Vesta 5986	8	9,181.7	4.27	392.3
Lady Benjamin 9805	3	6,815.5	5.87	390.9
Suke of Rosendale 6520	5	6,328.9	5.78	366.1
Fernwood Roanoke 2d 3903	6	6,573.5	5.49	360.9
Miss Bishop 7868	3	5,738.7	6.17	360.9
Bonnie Beauty 2d 10082	3	5,385	6.46	348.9

Many other breeders made private yearly records of one or more cows and some of them are worthy of particular mention. That of the cow Fantine 2d 3730, A. G. C. C., owned by



Fantine 2d 3730, A. G. C. C.—516.6 pounds fat in a year.

Charles Solveson, Nashotah, Wis., tested in 1895, was worthy of particular attention. In detail it is as follows:

	Pounds milk	Per cent fat	Pounds fat
November	1,260	5.2	65.52
December	1,318	5.3	69.85
January	1,208	5.2	62.81
February	1,002	5.6	56.11
March	1,132	5.3	59.99
April	990	5.4	53.46
May	835	5.3	44.25
June	555	5.2	27.75
July	331	5	17.21
August	150	5.6	8.40
*September .....	.....	.....	.....
October 6-31	967	5.3	51.25
Totals	9,748		516.60

*Was milked out a few times, of which no account was taken.

In this record there is one important point to take into account. Not only did Fantine 2d give this large amount of milk and butter-fat, but she was dry during the month of September and a part of October and then gave birth to a fine bull calf. This makes the record one of 11 months instead of a full year.

During her year's work she was fed as follows: In winter her daily ration consisted of 40 pounds of ensilage, 10 pounds

of cut stover, 8 pounds of mixed hay; and of grain, 12 pounds of a mixture of oats, bran, and dried brewers' grain, with 2 pounds of oil meal. The ensilage was rich in corn, and she was allowed in addition to this what wheat straw she cared to eat. On April 1st she was turned out to pasture with the rest of the herd and her grain ration reduced to 6 pounds. The latter part of July she was fed soiling crops with the rest of the herd.

Two other cows, not otherwise mentioned, made over 500 pounds fat. One was Yeksa Queen 631, owned by A. J. Philips, of West Salem, Wis., that gave 9,886.9 pounds milk, 5.2 per cent fat, yielding 514.1 pounds fat. The other one was Glenwood Girl 2d 9108, that gave 9,944.7 pounds milk and 508 pounds fat.

At the meeting of the Guernsey Breeders' Association held June 8, 1894, it was suggested "that premiums be offered to breeders to induce them to breed for test. There seems to be no end of records for the Jerseys and Holsteins but a veritable dearth of Guernsey tests. The advancement of the breed demands more thorough and systematic testing. The subject was not discussed at length but was left for a future meeting."

October 26, 1894, at a meeting of this association in Philadelphia, the following rules were drawn up under which tests were to be carried on by this association:

"The samples must be secured for one day of each week, care being exercised to have these (which should be taken as soon as milked) well mixed.

"The cows must be milked out clean and at regular hours, morning and evening, and equal samples taken from the entire product of the two milkings, properly cooled and delivered to Marshall and Cochran, chemists, 315 North Fifth street, Philadelphia, in condition satisfactory to them. The bottles must be full to prevent churning.

"All expenses connected with the tests to be paid by the contestants. If any test appears phenomenally high, or if, for any reason, the executive committee sees fit, they, or any one whom they may deputize, are at liberty to visit the dairies and take samples for themselves during the period of testing.

"Postal cards will be furnished all members making tests, on which will be blank forms to be filled and sent monthly to the secretary; this data to be formulated and given out at our meetings from time to time.

"The testing will commence 12th month (December) 1, 1894, and persons cannot enter for the first year later than fourth month (April) 1, 1895. Report on first year's tests to be made fourth month, 1st, 1896. Any one wishing to start in advance of above date may do so by notifying the secretary and complying with these rules.

Anyone desiring to enter contest between fourth month 1st, 1895, and fourth month 1st, 1896, may do so; said tests to be counted in the second year, which will end fourth month 1st, 1897, as it is determined to carry on the work for at least two years. The contest is for individual tests and for largest yield of butter-fat in a year. The yearly awards will be as follows: First prize, \$100; second prize, \$50; third prize, \$25.

"One hundred dollars of this amount to be assumed by the association, the balance of yearly awards to be raised by contribution. Competitors may enter more than one cow if desired, keeping records individually. Members of the Guernsey Breeders' Association only are at liberty to compete for the prizes. All animals competing must be registered in the American Guernsey Cattle Club Herd Register.

"The association will be glad to enroll as members other breeders. Terms of admission will be furnished by the secretary on application. All persons wishing to compete will please apply to the secretary for blanks as early as possible. It is desired that this effort will be fruitful of lasting results, and breeders are urged to take hold in earnest in the behalf of the good work."

"W. B. Harvey, Secretary.

"West Grove, Pa., Nov. 1, 1894."

The results of the first year's work were announced as follows:

"First prize, King's Myra 5399, made 539.48 pounds of butter. She was fresh December 12, 1893; served January, 1895. Owner, Ezra Michener, Carversville, Pa.

"Second prize, Imported Beauty des Domaines 3d 4933, made 504.77 pounds of butter. She was fresh September 25, 1894; served February 7, 1895; and is six years old. Test commenced October, 1894. Owner, Henry W. Comfort, Fallsington, Pa.

"Third prize, Mary Marshall 5604, made 485.55 pounds of butter. She was fresh March 16, 1895; served April 3, 1895; and is four years old. Test commenced March, 1895. Owner, Ezra Michener, Carversville, Pa.

"The cows winning first and third prizes were fed a liberal but by no means an excessive ration, varying through the year, of wheat, bran, corn meal, cottonseed and oil cake, glucose, hay and fodder, in varying proportions. A sample winter month reading as follows: Three quarts each of wheat, bran, and glucose, one quart each of cottonseed and oil meal, and some hay.

"The second prize cow, at about the same time of year, had ensilage, 6 pounds of bran, 3 pounds cerealine, 3 pounds cottonseed meal, and a little hay.

"Summer sample rations for same cows are as follows: First and third prize, pasture and four quarts of wheat bran, four quarts of glucose, and one quart of cotton seed meal per day. Second prize, grass and eight quarts of bran per day.

"The differences in food given did not affect the award, but were made a part of the record for the instruction of the members.

"John C. Higgins entered Pomara 3d 1743—dropped April 22, 1882—made 443 pounds of butter; Golden Horn's Mary 8975—dropped November 23, 1892—made 407.9 pounds of butter. These cows had

grass only from May 10th to September 10th. The rest of their extreme daily ration was eight quarts bran, one quart cottonseed meal, one bushel corn ensilage and clover hay at night. Golden Horn's Mary's test was after the first calf, April 17, 1895, to April 1, 1896; in the meantime she dropped a calf, March 12, 1896."

The society voted to continue the work another year. The results for the second year were as follows: First prize, Imp. Beauty des Domaines 3d 4933, giving 535.39 pounds butter; second prize, Mary Marshall 5604, with 511.25 pounds butter; third prize, Jessie H. 4348, with 479.25 pounds butter. The first named was owned by H. W. Comfort, of Fallsington, and the last named by Ezra Michener, Lumberville, Pa.

In the fall of 1896 the writer, following the private yearly fat records being made in several herds and noting the interest and favorable comments in the agricultural press, wrote a letter to the executive committee of the American Guernsey Cattle Club, urging them to take up this work and offer some prizes for the best records made in this way. At a meeting of the committee in December, 1896, they appointed Secretary Caldwell and the author as a sub-committee to take the matter under consideration and report at the next annual meeting, which they did. The matter was freely discussed and a resolution was passed "that it is the sense of this meeting that butter tests should be started and that the matter of conducting them should be left with the executive committee with power to act."

In July the following rules were published:

Butter Test for Guernsey Cattle.

"The American Guernsey Cattle Club offers the following premiums for the cows or herds of Guernseys making the three best records for butterfat for the year, under the conditions hereafter named.

"For individual cows—\$50, \$30, \$20.

"For herds of five cows each, \$100, \$60, \$40.

"1. All animals competing must be registered in the herd register of the American Guernsey Cattle Club.

"2. The following entry fees shall be paid to the treasurer of the club on receipt of notification from him that the animals named will be accepted for competition, but no animal or animals shall be enrolled unless said fee is paid before the opening of the test. For each cow, \$5. For each herd entered, \$15.

"3. Each contestant shall be allowed to name seven animals for the herd prize, the results to be determined from the records of the five best animals.

"4. These tests shall be under the supervision of the executive committee of the American Guernsey Cattle Club, but any member

of the executive committee owning animals competing in said tests shall be barred from having any supervision of said test or tests. All cows shall be wholly under the control of the owner so far as feeding and general treatment are concerned.

"5. All the expenses connected with the tests shall be paid by the contestants except those incurred by carrying out the provisions contained in Rule 9.

"6. Each year's test shall commence in November; the first test commencing November 1, 1898. All animals competing shall be named at least 30 days prior to the opening of each test. The results of each test shall be reported to the annual meeting of the club, when the prizes will be awarded.

"7. At the end of each month every contestant shall report to the office of the club upon blanks furnished them for such purpose by said office:

"a. A complete record of the weights of each milking.

"b. An approximate statement of the amount and kind of food given the animals, and as to the manner of stabling and care of same, including the dates of service or when in heat and not served.

"8. About the middle of each month samples shall be taken of the night's and following morning's milk and sent to the agricultural experiment station of the state in which the animal is located, or to such place as may be directed or approved by the executive committee, these samples to be properly labeled with the date and amount of each milking, the result of such tests to be reported by the tester to the office of the club.

"9. At such times as the executive committee supervising said test or tests shall see fit, but at least twice during the year, they shall send anyone whom they may deputize to visit the herds from which animals are entered, to weigh and test the milk from cows competing.

"10. The results of each year's tests shall be computed in the following manner: The weights of milk produced each month shall be multiplied by the per cent of butterfat as shown by the official test for that month, and the sum of the results thus obtained shall be the year's record."

The work was started November 1, 1898, and the three herds of Ellerslie Stock Farm, Rhinecliff, N. Y.; Ezra Michener, Carversville, Pa.; and Geo. C. Hill & Son, Rosendale, Wis., were entered; and James H. Bierne, of Oakfield, Wis., also entered two single cows. A summary of the results of the first year's test is as follows, the herd of Mr. Michener being withdrawn during the year:

Single Cows.					
Name of cow	Date calved	Age	Pounds milk	Per cent fat	Pounds fat
J. H. Bierne, Oakfield, Wis.—					
Lily, Ella 7250.....	12-7-1898	5	12,282.68	6.421	782.16
Lilyita 7241.....	12-7-1898	5	12,812.73	5.691	710.53
Geo. C. Hill & Son, Rosendale, Wis.—					
Countess Bishop 7869.....	3-20-1898	5	7,487.3	6.416	452.23

Herds.

Geo. C. Hill & Son, Rosendale, Wis.—						
Countess Bishop 7869.....	3-20-1898	4	7,378.3	6.316	452.33	
Madame Tricksey 6419.....	4-13-1898	6	7,024.6	5.854	405.19	
Lady Bishop 6518.....	3-29-1898	7	6,608.9	5.395	381.1	
Prestoun 6570	11-26-1898	7	6,868.3	5.191	355.68	
Nounon 6569	3-14-1898	9	6,338.0	5.508	351.7	
Totals			34,218.1		1,946.0	
Averages per cow.....			6,845.52	5.672	389.2	
L. P. Morton, Rhinecliff, N. Y.—						
Buda 7178	3-5-1898	6	8,605.5	5.4	434.05	
Quibble 8017	10-25-1898	6	8,894.75	4.668	409.9	
Imp. Doutta Galla IV 7675.....	4-15-1898	7	7,410.75	4.961	390.55	
Quietness 6018	10-25-1898	8	5,910.5	6.053	350.55	
Imp. Villett's Gem.....	3-16-1898	5	6,989.75	5.14	346.98	
Totals			37,808.25		1,932.03	
Averages per cow.....			7,561.65	5.244	386.42	

In the single cow contest Mr. Bierne was awarded first and second prizes and Messrs. Hill third prize. In the herd test Messrs. Hill won first and Mr. Morton second prize. By a strange coincidence, both of Mr. Bierne's cows were five years old and both calved the same day. They were bred by N. K. Fairbank at his place at Lake Geneva, Wis., and were sired by his bull Lily's Bonny Boy 2676. Lilyta's dam was Zoelita 5949, out of Zoella 3301, by Nutwood 1408, a son of the noted Materna 1334. Lily Ella was out of Zoella 3301, so their blood lines were very similar.

A very interesting account of Lily Ella's work as a three-year-old was published in the July, 1898, Herd Register of the American Guernsey Cattle Club. She then made a record after first calf of 513.18 pounds of fat in one year, and a seven-day record of 16.68 pounds of fat. The following table presents the details of her record from November 1, 1898, to October 31, 1899. A study of this table shows that she not only made her record of 782.16 pounds of butter-fat but she also produced during the year a living calf, she being dry eight days before calving and for two days after calving no account being taken of her milk. Lilyta's record, while not quite as high as that of Lily Ella, was made under similar conditions, she having produced a living calf during the year and was dry about the same length of time.

Record of Lily Ella 7240.

Month	Pounds milk	Per cent fat	Pounds fat	Remarks
November, 1898	411.25	6.85	28.17	
December, 1898	882.44	6.00	52.95	Calved December 7th.
January, 1899	1,427.14	5.5	79.49	Inspection sample, 5.7.
February, 1899	1,375.50	5.8	79.78	Composite week's test, 5.7.
March, 1899	1,377.25	6.2	85.39	Inspection sample, 5.7.
April, 1899	1,141.14	6.3	71.89	Sample lost, averaged.
May, 1899	1,200.25	6.3	75.63	3 days composite sample, 6.9.

Month	Pounds milk	Per cent fat	Pounds fat	Remarks
June, 1899	1,128.88	6.3	71.12	4 days composite sample, 5.7.
July, 1899	906.81	7.15	64.84	
August, 1899	855.88	6.65	56.92	
September, 1899	800.00	7.25	58.00	
October, 1899	776.14	7.6	58.99	
Total	12,282.68		783.17	

Lilyita's record is given with same details in the following table:

Record of Lilyita 7241.

Month	Pounds milk	Per cent fat	Pounds fat	Remarks
November, 1898	313.63	7.3	22.89	
December, 1898	874.14	5.9	51.57	Calved December 7th.
January, 1899	1,477.38	5.3	78.30	Inspection sample, 4.95.
February, 1899	1,479.50	5.0	73.98	Composite week's test, 5.28.
March, 1899	1,437.94	5.4	77.65	Inspection samples, 4, 5.5.
April, 1899	1,215.50	5.4	65.64	
May, 1899	1,270.75	5.55	70.53	Sample lost.
June, 1899	1,238.25	5.7	70.58	3 days composite sample, 6.0.
July, 1899	959.00	5.85	56.10	4 days composite sample, 5.7.
August, 1899	894.75	5.4	48.32	
September, 1899	839.75	5.7	47.87	
October, 1899	812.14	5.8	47.10	
Totals	12,812.73		710.53	

These records attracted the attention of the dairy reading public throughout the world, and people traveled from all over the country to Oakfield to see Mr. Bierne's herd. The contest was so successful that the club decided to continue it, and two or three herds and some single cows were entered. All shortly withdrew, however, except the herd of Geo. C. Hill & Son, who, at Secretary Caldwell's suggestion, also discontinued work until the spring of 1900, except for the one cow Gypsy of Racine 9639, that promised to make an exceptionally good record, which when completed was 11,247.5 pounds of milk, containing 611.4 lbs of fat.

The second year's contest was started May 1, 1900. During this test a state official visited the farms every month and weighed and tested a day's milk of each cow, the owner keeping a record of the weights only. The records made in this second year's competition were as follows:

Home Butterfat Contest During Year Ending May 1, 1901.
Single Cows.

Name of cow and owner	Date calved	Age	Pounds milk	Per cent fat	Pounds fat
E. T. Gill, Haddonfield, N. J.—					
Glenwood Girl VI 9113	3-24-1900	7	12,184.33	5.66	572.2
Geo. C. Hill & Son, Rosendale, Wis.—					
Primrose's Tricksey 7246	1-14-1899	7	9,277.10	5.66	508.0
Gypsy of Racine 9639	11-19-1899	10	7,879.10	5.53	432.8

THE GUERNSEY BREED

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Herds.					
E. T. Gill, Haddonfield, N. J.—					
Glenwood Girl VI 9113.....	3-24-1900	7	12,184.33	4.78	572.2
Lucretia's Daughter 11256.....	6-24-1900	5	11,084.63	4.40	489.6
Lucretia of Haddon 10831.....	3-29-1899	6	9,710.25	4.89	467.6
	12-2-1900				
Glenwood Girl VIII 10830.....	4-20-1900	5	11,310.13	4.19	461.9
	3-24-1901				
Glenwood Girl VII 9114.....	11-7-1899	6	9,178.83	4.15	387.1
	11-24-1900				
Totals			53,468.17		2,378.4
Averages			10,693.63		475.7
Geo. D. Hill & Son, Rosendale, Wis.—					
Primrose's Tricksey 7236.....	1-14-1900	7	9,277.0	5.66	508.0
	12-12-1900				
Gypsy of Racine 9639.....	11-19-1	9	7,879.1	5.53	432.8
Lady Bishop 6518.....	4-16-1900	9	7,272.4	5.02	394.3
	3-5-1901				
Lady Benjamin 9805.....	4-15-1900	4	6,815.5	5.87	390.1
Nounon 6569	5-8-1900	11	7,059.5	5.81	382.8
	4-6-1901				
Totals			38,303.5		2,108.0
Averages			7,660.7		421.8

During this second year's contest many breeders, and especially Secretary Caldwell, who first conceived the idea, urged the establishment of an advanced registry on the basis



Glenwood Girl VI 9113, A. G. C. First prize Home Butter Tests, 1900 and 1901
—572.2 pounds fat.

of the yearly production of butter-fat; and at the annual meeting in May, 1901, the following rules were adopted:

The Advanced Register of Guernsey Cattle.

"Wishing to encourage the rearing and breeding of Guernsey cattle of high individual record in production of dairy products and standard of excellence, The American Guernsey Cattle Club has adopted the following rules for the establishment of a system of registry, to be known as The Advanced Register of Guernsey Cattle in America.

Eligibility of Animals.

"All animals admitted to the advanced register must previously be entered in the herd register of the American Guernsey Cattle Club. Any such will be admitted into the advanced register under any one or more of the following conditions:

"**Bulls—**a. Admitted after scaling 80 points and having two daughters in the register.

"**Bulls—**b. Admitted without scaling after having two daughters in register.

"**Cows—**a. Admitted for milk or butterfat records and scaling over 75 points.

"**Cows—**b. Admitted for milk or butterfat records without scaling.

"All cows admitted must equal or exceed one of the following records.

The Milk Requirement.

"If record is commenced the day the animal is two years old, or previous to that day, she must produce within one year from that date 6,000 pounds of milk. For each day the animal is over two years old at the beginning of her year's record, the amount of milk she will be required to produce in the year will be established by adding 3.65 pounds for every such day to the 6,000 pounds required when two years old. This ratio is applicable until the animal is five years old, when the required amount will have reached 10,000 pounds, which will be the amount of milk required of all cows five years old or over.

The Butterfat Requirement.

"If record is commenced the day the animal is two years old, or previous to that day, she must produce within one year from that date 250.5 pounds of butterfat. For each day the animal is over two years old at the beginning of her year's record the amount of butterfat she will be required to produce in the year will be established by adding .1 (one-tenth) of a pound for each such day to the 250.5 pounds required when two years old. This ratio is applicable until the animal is five years old, when the required amount will have reached 360 pounds, which will be the amount of butterfat required of all five years old or over.

Seven-day Butterfat Record.

"If record is commenced the day the animal is two years old, or previous to that day, she must produce within seven days from that date 10 pounds butterfat. For each day the animal is over two years old at the beginning of her seven-day record, the amount of butterfat she will be required to produce in the seven days will be



Imp. Hayes Rosie 15476—A. R. 116—14,633.76 pounds milk, 714.31 pounds fat.

established by adding .00456 (456 hundred thousandths) of a pound for each such day to the 10 pounds required when two years old. This ratio is applicable until the animal is five years old, when the required amount will have reached 15 pounds, which will be the amount of butterfat required of all cows five years old or over.

"The above yearly standards are based upon one complete year's record from the time of beginning, regardless of the time lost by being dry or calving during that period, should such be the case.

"The per cent of butter-fat shall be determined by the Babcock test. For the purpose of estimating the amount of butter from the amounts of butterfat produced, we recognize the rule approved by the association of agricultural colleges and experiment stations, namely, 'add one-sixth to the amount of butterfat.' It should be understood, however, that in all records made for, or published in, The Advanced Register, the amount of butterfat produced only will be given.

"The records may commence at any time upon giving 10 days' notice to the secretary of the club, in order that arrangements for an inspector may be made. No seven-day records shall be commenced until 14 days have passed since the animal calved.

Fees.

"No entry fee will be required in this work in view of the great benefits arising to the breed by having properly authenticated milk and butter records, made, gathered, and published under this system.

Reporting Records.

"Blanks for reporting the results of all tests or inspections will

be furnished by the secretary of the club, and must be carefully filled out.

"The complete results of all seven-day records and also of each day's inspection during a year's test will be reported by the inspectors.

"The owners of the cows in the yearly records will be required to report the weight of each and every milking and such approximate statements as to food and care as they can give.

Supervision and Inspection.

"This register shall be under the general supervision and direction of the executive committee, who shall have power upon a ma-



Imp. Princess Rhea 15479—A. R. 59—yearly record, 14,009.89 pounds milk, 775.69 pounds fat.

jority vote, to alter and amend the conditions established for carrying forward the work.

"The secretary of the club is authorized under direction of the executive committee to prepare and publish blank forms and circulars needed in carrying this system into effect; receive and attend to all applications for this register; cause to be made all examinations of cattle for it; issue all certificates of registry for it; edit all publications of this registry in the Herd Register of The American Guernsey Cattle Club; and perform such other duties as may be required of him by the executive committee, to secure the success and sufficiency of this system.

"An officer or assistant of an agricultural experiment station, or of an agricultural college, or some person whose integrity and ability



Yeksa Sunbeam 15439, A. G. C. C.—A. R. 331—yearly record, 14,920.8 pounds milk, 857.15 pounds fat.

is vouched for by the director, or by the professor of dairy husbandry of such an institution, shall be employed to inspect and supervise the tests and the descriptions of the animals for which entry is applied for.

"The secretary may appoint, with the advice and consent of the executive committee, special inspectors in special cases to examine cattle offered for entry.

"No one shall examine cattle for this register over which he has charge or in which he has a pecuniary interest.

"In all seven-day tests the inspector shall see the cow milked dry at its commencement, and shall be present thereafter at each milking until the record is completed; he shall determine the weight of each milking, and its average per cent of fat separately, and make a detailed report of same, with a statement of the approximate amount and kind of food given the animals, and as to the manner of stabling and care of same, including the date of calving, the dates of service or when in heat and not served. Such detailed report shall be made over his signature and affidavit and forwarded to the secretary immediately upon the completion of the record.

"In all yearly records the inspectors shall make a report similar to the one for the seven-day tests of each month's inspection of each and every cow inspected with the exception that the inspection shall be but one day's duration, and the butterfat determined from a composite sample representing all the milkings of the day.

"All expenses, including time and traveling expenses, for investigation of the records, scaling the animals, or overseeing the seven-day tests, shall be paid by the owners of the cows so inspected. All similar expenses in connection with the yearly records shall be paid by the American Guernsey Cattle Club. The pay of the inspectors in all instances shall be a matter of agreement between the authorities of the experiment stations, which they represent, and the owners of the cows in the seven-day class, or the secretary of the club in the year's class."



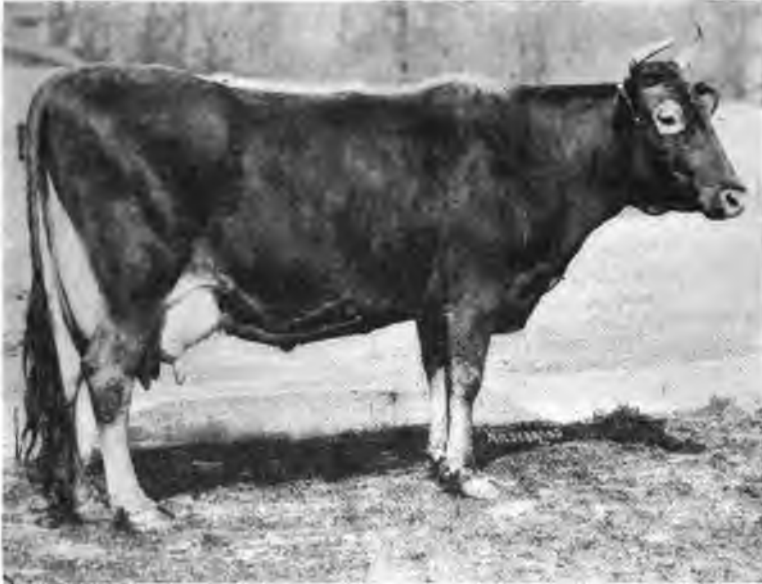
Spotswood Daisy Pearl 17696—A. R. 790—yearly record, 18,602.8 pounds milk,
957.38 pounds fat.

As the records of the last year's competition were made under practically the same rules as those adopted, such of those cows as had passed the advanced registry requirements were admitted and appear as cows Nos. 1 to 10. The advanced registry records now completed are a great credit to the breed, and the popularity which the breed has achieved because of these tests redounds to the credit of The American Guernsey Cattle Club who thus originated the Advanced Register system based on yearly butter-fat records.

Experience proves that a serious omission was made in drawing up the rules, in not requiring that a cow must drop a calf within 15 months of the time she started her record, if she started as a fresh cow.

Since the Advanced Register has developed so rapidly and the high records of the leaders of each class are constantly being exceeded, and since the American Guernsey Cattle Club publishes at frequent intervals not only the new records made from time to time but also complete lists of all of those made up to date, it is unnecessary to include the list

in this book, though, of course, all would agree that the publication of such records is the most important factor in the development of the breed today. To show the development of the work, however, the following list is given of the cows that once were leaders in the several classes:



Murne Cowan 19597—A. R. 1906—yearly record, 24,008 pounds milk, 1,098.18 pounds fat.

Class A—Cows Over Five Years of Age.

		Pounds milk	Pounds fat
1901	Glenwood Girl VI 9113, A. R. 1.....	12,183.33	572.20
1903	Charmante of the Gron 14442, A. R. 74.....	11,874.08	676.47
1904	Imp. Hayes Rosie 15476, A. R. 116.....	14,633.76	714.31
1904	Imp. Princess Rhea 15479, A. R. 59.....	14,009.89	775.69
1905	Yeksa Sunbeam 15439, A. R. 331.....	14,920.80	857.15
1911	Dolly Dimple 19144, A. R. 628.....	18,808.50	876.34
1911	Spotswood Daisy Pearl 17696, A. R. 790.....	18,602.80	957.38
1914	May Rilma 22761, A. R. 1726.....	19,673.00	1,073.41
1915	Murne Cowan 19597, A. R. 1906.....	24,008.00	1,098.18

Class B—Cows Between 4½ and 5 Years of Age.

1901	Lucretia's Daughter 11256, A. R. 3.....	11,084.63	489.6
1903	Pretoria 14443, A. R. 73.....	11,528.84	595.35
1906	Standard's Morning Glory 12801, A. R. 358.....	12,917	714.01
1906	Itchen Daisy III 15630, A. R. 100.....	13,636.8	714.10
1911	Dairymaid of Pinehurst 24656, A. R. 843.....	17,285.3	910.67

Class C—Cows Between 4 and 4½ Years of Age.

1902	Portia of Maplehurst 10071, A. R. 22.....	11,622.65	602.37
1906	Yeksa Lind 14275, A. R. 377.....	11,939.9	650.56



May Rilma 22761, A. G. C. C.—A. R. 1726—yearly record, 19,673 pounds milk, 1,073.4 pounds fat.

1908	Yeksarose 16610, A. R. 472.....	11,710.4	678.16
1909	Honor Bright F. 17524, A. R. 875.....	12,674.00	694.64
1912	Anton's Frances 27291, A. R. 1497.....	12,555.6	696.05
1913	Imp. Beauty II of the Coutanchez 29465, A. R. 2081,	13,513.9	748.81
1913	Azucena's Pride II 24957, A. R. 1469.....	16,205.9	855.70

Class D—Cows Between 3½ and 4 Years of Age.

1903	Fernwood of Chantilly 11886, A. R. 37.....	7,782.66	327.08
1903	Early Rose of Raritan 11782, A. R. 72.....	9,435.14	543.03
1904	Vestella of Belle Vernon 12500, A. R. 139.....	10,064.3	550.21
1907	Countess Fantine 14730, A. R. 344.....	11,363.0	582.33
1907	Robiline II 16117, A. R. 602.....	11,761.0	603.59
1909	Dolly Dimple 19144, A. R. 628.....	18,458.8	906.89

Class E—Cows 3 to 3½ Years of Age.

1901	Lady Benjamin 9805, A. R. 8.....	6,157	390.9
1902	Dairymaid of Elm Place 14197, A. R. 19.....	9,045.8	473.47
1903	Mary Marshall V 11814, A. R. 60.....	9,306.3	474.5
1903	Modena 11779, A. R. 67.....	10,628.77	580.32
1904	Dolly Bloom 12770, A. R. 40.....	12,784.83	623.94
1910	Dairy Maid of Pinehurst 24656, A. R. 843.....	14,562.4	860.26

Class F—2½ to 3 Years of Age.

1902	Cottie of Elm Place 14167, A. R. 16.....	7,710.5	352.63
1903	Cecchina 11694, A. R. 33.....	7,576.71	398.58
1903	Corolla Taylor 12533, A. R. 53.....	8,431.5	426.01
1903	Ada of Hop City 15361, A. R. 91.....	8,605.1	517.11
1905	Sister Sue of Mossiel 17480, A. R. 270.....	10,622.26	582.37
1906	Yeksarose 16610, A. R. 472.....	11,275.5	638.49
1911	Rose of Langwater 24240, A. R. 1445.....	12,966.5	669.89
1911	Azucena's Pride 2d 24957, A. R. 1469.....	12,633.3	706.46
1912	Langwater Hope 27946, A. R. 1978.....	15,078.8	773.59

Class G—Cows 2 to 2½ Years of Age.

1902	Lady May of Elm Place 12549, A. R. 26.....	7,859.3	403.34
1903	Dolly Bloom 12770, A. R. 40.....	8,841.58	453.86
1904	Itchen Daisy 3d 15630, A. R. 100.....	9,958.70	533.83
1907	Penthesillia 17625, A. R. 550.....	9,922.40	538.07
1908	Dolly Dimple 19144, A. R. 628.....	14,009.13	703.36

It has been interesting to watch the development of this work and to see how quick the breeders are to follow up the blood lines of the animals that have made or are making phenomenal records.

Not only have the cows made wonderful records, but their ability to do it year after year is even more remarkable. Probably the most notable example is that of Dolly Dimple 19144, that made 703.37 pounds fat as a two-year-old, 906.89 pounds at 3½ years of age, and 876.34 pounds at five years of age. Her dam, Dolly Bloom 12770, made 453.86 pounds as a two-year-old, 623.94 pounds as a three-year-old, and 836.21 pounds at five years of age.

Dairymaid of Pinehurst 24656 made 405.51 pounds as a two-year-old, 860.26 pounds as a three-year-old, and 910.67 pounds at 4½ years of age.

Other cows that twice or more times have stood at the head of successive classes are Imp. Itchen Daisy 3d 15630, Yeksarose 16610, and Azucena's Pride 2d 24956.

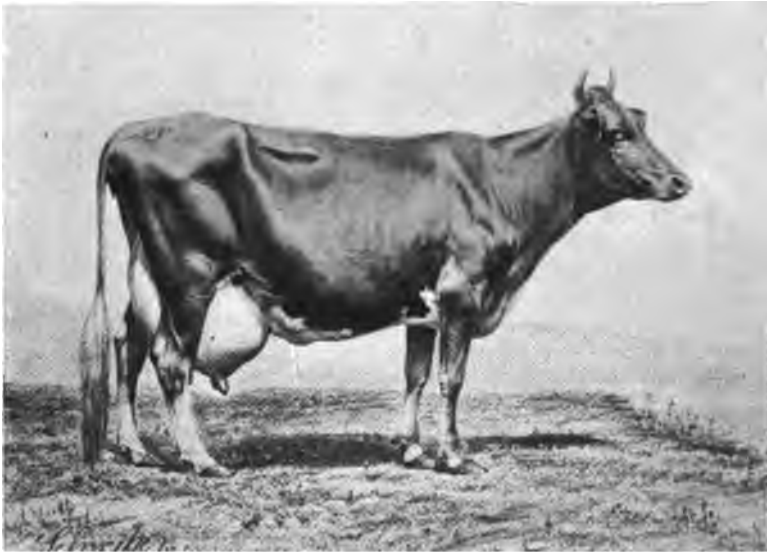
Practically the whole dairy public now concedes that semi-official yearly butter-fat tests conducted on the lines of our advanced registry are the only system needed for promoting and recording the work of any dairy breed. Still the Guernsey breeders have not been backward in entering their cows in public competition from time to time.

The rules for the advanced registry have been changed from time to time, and a copy of the latest rules for this work can always be obtained by writing the American Guernsey Cattle Club, Peterboro, N. H. The principal changes in the rules since their adoption are that today the owners are required to pay the expense of the monthly inspection, animals are now admitted on a yearly record only, all animals are admitted without scoring, and the requirement for milk production has been eliminated so that animals are now admitted on a butter-fat basis only.

CHAPTER VI.

Island Records

The breeders of Guernsey have always had such a good demand for their animals that they have been slow to test their cows, and comparatively few records have been made



Select 1261, F. S.—Record, 22 pounds 8 ounces in seven days.

on the island. Their records show that at least the following list of cows have been tested there for seven days:

	Pounds	Ounces
Select 1261, F. S.....	22	8
La Reine 139, G. H. B.....	18	
Select 2d 656, P. S.....	14	
Flower 630, F. S.....	16	
France 2207, P. S.....	17	12
Fleurie de Tertre 1136, G. H. B.....	14	10
Vesta 6th 625, P. S.....	13	15¾
Mimosa 765, F. S.....	17	3¾
Hermit 1369, F. S.....	16	12

The following cows have been tested for three-day periods, with the following results:

	Pounds	Ounces
Sweet Maggie 2306, F. S.....	6	12
Primrose du Gree 2277, F. S.....	7	12
Rose of the Blicqs 2178, F. S.....	6	11¾

Princess May of the Hunguets 4244, P. S.....	6	5
Taylor's Dolly 3057, F. S.....	6	12
Victim of Injustice 3084, F. S.....	8	9
Rouge Loyale 3130, F. S.....	6	12
Vimera's Dolly Gray 6474, P. S.....	6	1
Florrie of the Gacheres 2183, F. S.....	6	6½
Maroso 3832, F. S.....	6	6

The milk record of the cow, Flukes 378, F. S., is worthy of particular mention. For seven days in May, 1886, she made the following record:

	1st day		2d day		3d day		4th day		5th day		6th day		7th day	
	lbs.	oz.	lbs.	oz.	lbs.	oz.	lbs.	oz.	lbs.	oz.	lbs.	oz.	lbs.	oz.
1st milking...	23	7	30	3	27	8	28	8	29	10	28	8	28	2
2d milking...	15	8	12	9	16	7	13	11	14	3	14	7	15	2
3d milking...	15	8	15	0	12	11	12	3	15	7	15	0	14	3
Total	54	7	57	12	56	10	54	6	59	4	57	15	57	7
Total for the week, 396 pounds 13 ounces.														

Another cow that made a very notable milk record on the Island was Pretty Dairymaid 2d 1469, F. S. In an official test for three days she gave 61 pounds 2 ounces, 62 pounds 12 ounces, and 52 pounds 9 ounces—total, 176 pounds 7 ounces—in three consecutive days, and the reason for her being so low on the third day was that she was out the whole day in a severe storm.

In 1911 Mr. Marsh offered the Royal Guernsey Agricultural Society \$500 for prizes for semi-official yearly butter



Victim of Injustice 3084, F. S.—Record, 8 pounds 9 ounces in three days.

tests, the test to be conducted on much the same basis as our Advanced Register records are made. They refused his gift of \$500, but adopted rules almost exactly along the lines suggested by Mr. Marsh. The rules follow:

In order to encourage the breeding and rearing of cattle of great merit in production of high quality dairy products the Royal Guernsey Agricultural and Horticultural Society adopt the following rules for the establishment of a system of registry to be known as



Flukes 378, F. S.—396 pounds 13 ounces milk in seven days.

"The Advanced Register of the Royal Guernsey Agricultural and Horticultural Society's Herd Book."

(1) This register shall be under the general supervision and direction of the managing committee, who shall have power to alter and amend the conditions established, and their decision shall be final. The managing committee shall have power to appoint a sub-committee to carry on the work.

Eligibility of Animals.

(2) Any animal owned by a resident of the Island of Guernsey or its Bailiwick, and entered in the Herd Book of the Royal Guernsey Agricultural and Horticultural Society may be entered for admission in the Advanced Register under any of the following conditions:

(a) Bulls having two daughters in this Advanced Register or that of any recognized "Guernsey" testing association with equivalent requirements.

(b) Cows of five years old and upwards that have provided 360



Advanced Registry cows owned by Thos. Langlois, Gree, Guernsey.

pounds butterfat in an official test of not more than 365 consecutive days, or younger animals in accordance with the scale given below:

Age of Cow				Allowance		Actual Butterfat	
Years	Months			Per Cent		Requirements	
2	0	....	....	40	....	216	lbs.
2	3	....	....	37	....	226.8	lbs.
2	6	....	....	34	....	237.6	lbs.
2	9	....	....	30	....	252	lbs.
3	0	....	....	25	....	270	lbs.
3	3	....	....	21	....	284.4	lbs.
3	6	....	....	18	....	295.2	lbs.
3	9	....	....	15	....	306	lbs.
4	0	....	....	11	....	320.4	lbs.
4	3	....	....	9	....	327.6	lbs.
4	6	....	....	5	....	342	lbs.
4	9	....	....	3	....	349.2	lbs.

An allowance of 2 per cent will be made to cows due to calve within 13 months of date of last calving, and of 4 per cent if within 12 months of date of last calving. The words "due to calve" shall be understood to mean 287 days from date of last service.

(c) In order that these tests may be carried on under normal farming conditions all cows entered are expected to be led and safely in calf within five months of the date of last calving. A cow failing to comply with this rule, may, subject to the consent of the sub-committee, be entered in the Advanced Register under the following penalty, viz., a deduction from her record as under:—

- If calving within 14 months of last calving, 4 per cent.
- If calving within 15 months of last calving, 6 per cent.
- If calving within 16 months of last calving, 8 per cent.
- If calving within 17 months of last calving, 10 per cent.
- If calving within 18 months of last calving, 12 per cent.

If calving within 19 months of last calving, 14 per cent.

If calving within 20 months of last calving, 16 per cent.

If calving within 21 months of last calving, 18 per cent.

If calving within 22 months of last calving, 20 per cent.

If calving after this period she will not be accepted for entry.

Exceptional cases, such as abortion, will be dealt with on their merits by the managing committee.

The owner will be at liberty to feed his cow or cows at his own discretion.

Fees and Expenses.

(3) The entrance fee for testing shall be 10/- for each cow. This fee will cover the entire cost for the year, except that it may be necessary to provide meals for the supervisor on the day of the official monthly test.

When an animal has qualified for entry under the requirements of Rule 2, the secretary, in accordance with Rule 14, will be empowered to enter such animal in the Advanced Register, and issue a certificate on payment of a fee of 5/- for each cow, and 10/- for each bull, to defray cost of registration.

Commencement of Records.

(4) Regular entry forms will be furnished free by the secretary, and also printed blanks for keeping the records.

The entry form, properly filled out, must be handed to the secretary, accompanied by the fee, within seven days of the commencement of taking record.

(5) The test period need not be confined to one period of lactation, but may extend into the following period of lactation, provided it is confined to 365 consecutive days.

(6) In the case of a cow entered immediately after calving, records may not commence until the seventh day after calving, and shall close 365 days from the date of the first record.

Nature of Tests.

(7) The test, which is to determine the amount of butterfat given in one year (365 days) by any cow, shall consist of a daily record of milk production to be kept by the owner of animals entered, added to a test made for one full day each month by an official supervisor, or supervisors, appointed by the Royal Guernsey Agricultural and Horticultural Society, who will see each cow milked and weigh such milk immediately, taking samples of each milking, and testing same for butterfat by the Babcock or Gerbher tester, such butterfat tests to be taken as the average for the month.

(8) The cows under test shall be milked the same number of times on the day of the visit of the official supervisor as they have been on the preceding days of the month, and the number of milkings per day shall in no case exceed three.

(9) The average per cent butterfat, calculated from the yield and the tests of milk as reported by the supervisor, will be taken as representing the average fat contents of the milk of the cow during that calendar month.

The total of the monthly milk yields and the total of the monthly credits for butterfat shall constitute the year's record for milk and butterfat respectively.

(10) In the event of either the supervisor or owner being dis-

satisfied with the record of the day on which the test was made, then a second test may be made by the supervisor, such second test to be noted on the record sheet.

(11) No owner shall be entitled to have more than eight cows under test at the same time without first having obtained a special permit from the secretary.

(12) It shall be permitted for any representative of any recognized Guernsey Testing Association to look over the tests made by the official supervisors.

Re-entry.

(13) An animal after having been admitted to the Advanced Register may be re-tested for the purpose of giving a better record, and, if successful, admitted and the record published as "Entry of Additional Record," using the original number assigned to the animal and giving reference to previous record. The fees payable being as per Rule 3.

Issue of Certificate.

(14) All completed records shall be submitted by the secretary to the sub-committee, and no certificates shall be written until the records, thus submitted, have been approved by this committee. The sub-committee shall have the right to refuse or delay for further investigation any record which in their judgment it is wise so to do.

(15) All entries in the Advanced Register will be published in the next issue of the society's herd book.

(16) Any incorrect entry may be expunged from the manuscript volume of the register, and the certificate of such entry revoked by the managing committee upon evidence of its incorrectness.

Sub-Committee Powers.

(17) The sub-committee, appointed by the managing committee for the purpose of the Advanced Register, shall have the power to arbitrate all points of difference that may arise, subject to the right of appeal to the managing committee.

They shall also have power to reject or discontinue any cow from the test for any reason they may consider good and sufficient, and may, when considered desirable, delegate one of their number to accompany the official supervisor.

SPECIAL INSTRUCTIONS TO SUPERVISORS.

Identification of Cow.

"The supervisor shall at each visit satisfy himself that the cow to be tested answers the description as to color markings given when entered. In case the animal does not agree with the description furnished the supervisor shall report same to the secretary.

Conduct of the Tests.

1. The supervisor shall be present at the last regular milking preceding the beginning of the test, and shall satisfy himself that the cow is milked dry at that time. He shall note the hour at which this milking is made, and the final milking on the day of test must be made at the corresponding hour.

2. He must be present throughout each and every milking during the test, and satisfy himself that at the close of each milking the pail contains nothing but the milk drawn from the cow in the test.

3. Under no circumstances shall more than two cows undergoing test be milked at the same time. The supervisor must in every case be in position to observe the milker or milkers throughout the whole milking.

4. Immediately after the milk is drawn he shall take charge of the pail and contents, weigh the same on scales, the accuracy of which he has tested, and enter the exact weight of milk, at once, on his record. He shall also test the scales of the owner to see if they correspond with his own.

5. As soon as the milk has been weighed and is thoroughly mixed by pouring it from one pail to another, or by means of a dipper, a sample is immediately taken. The supervisor takes charge of and is personally responsible for this sample. The owner has the right to demand from the supervisor duplicate samples for testing.

The test is proceeded with as soon as convenient after the milk has cooled to ordinary room temperature.

6. Duplicate fat determinations are always made by the Babcock or Gerbher test, and both determinations recorded. Readings of the result are made about 130 F.; the test bottles are preferably placed in a small tin pail containing water of this temperature for five minutes before the readings are taken. If duplicates vary more than two-tenths of 1 per cent, the test must be repeated. The sample taken from any one milking is not thrown away until a satisfactory result is obtained. The supervisor shall enter at once the results obtained on his record book.

7. The supervisor shall be required to pay special attention to the filling out of the test report blanks, especially as to dates of calving, service, in heat, or not served, etc. Any sickness or other conditions shall be made a note of.

8. The supervisor is not at liberty to decide as to which stipulations contained herein are essential, and which are not, but is required to observe these directions in all details. He shall report promptly any irregularity or unusual occurrence in connection with the test which he may observe, and shall in general, take all means to conduct a fair and equitable test of the cows placed under his supervision.

The first records were finished and announced in January, 1913, and a complete list of the records to date follow:

A. R. No.	Herd Book number	Age years	Milk pounds	Butterfat pounds
1 Princess May of the Hunguets.....	4244, P. S.	14	8,977.5	454.04
2 Princess May of the Hunguets 2d....	5693, P. S.	6	8,771.5	492.51
3 Gazelle des Ilets 2d.....	8796, P. S.	2½	7,002.1	428.47
4 Le Geles May.....	3334, F. S.	6	9,389.0	469.62
5 Ruby of the Ilets.....	3256, F. S.	7	11,273.1	549.41
6 Flora 2d of the Briquet.....	8724, P. S.	2½	11,429.2	573.56
7 Aralia.....	7067, P. S.	5	8,103.0	396.08
8 Butter Girl.....	3514, F. S.	7	8,212.3	426.9
9 La Petite du Gele 5th.....	8735, P. S.	2½	7,119.5	369.02
10 Langlois Primrose 2d.....	7347, P. S.	4½	10,825.5	570.68
11 Durand's Nora.....	7037, P. S.	5	8,695.0	442.2
12 Fleury III of the Gele.....	8846, P. S.	2½	8,596.1	476.3
13 Cyrene d'Or.....	3977, F. S.	5	11,438.5	637.7
14 Gold Bag of the Ilets.....	3709, F. S.	10	10,039.1	460.44
15 My Lady Mysore 2d.....	6894, P. S.	5	10,077.0	509.21
16 Sweet Maggie 3d.....	9361, P. S.	2	8,779.0	522.95
17 Ladysmith 3d.....	6766, P. S.	6	6,893.5	384.78

A. R. No.		Herd Book number	Age years	Milk, pounds	Butterfat pounds
18	Princess May 4th of the Hunguets...	7574, P. S.	4½	9,439.0	585.2
19	Richmond Lass	3498, F. S.	9	9,270.0	522.92
20	Sea Belle 7th.....	4444, P. S.	12	9,927.5	487.48
21	Esperance XIII of the Lohiers.....	5156, P. S.	10	10,410.5	575.26
22	Primrose of the Gree VI.....	8300, P. S.	3½	10,231.7	504.17
23	Rose of the Gree.....	4289, F. S.	4	9,928.5	501.96
24	Clara 16th of the Rouvets.....	5476, P. S.	9	11,888.0	564.89
25	Nelly 2d of the Croisee.....	6061, P. S.	8	13,157.0	724.84
26	Fascination of les Caches.....	4132, F. S.	7	12,962.0	720.98
27	Sarky of the Bernauderie.....	3869, F. S.	9	9,918.5	488.71



Clara 16th of the Rouvets 5476, P. S.—Island record, 564.89 pounds fat.

28	Star of the Fontaines.....	3449, F. S.	6	7,866.0	481.72
29	Pixie	3176, F. S.	8	11,013.75	483.22
30	Minnie of the Quevilette.....	5381, P. S.	8	8,799.5	409.10
31	Charmante's Pride 2d.....	3266, F. S.	7	10,073.5	542.51
32	Charmante's Beauty	8046, P. S.	4	11,566.0	545.06
33	Venus IV of the Vauxbelets.....	6399, P. S.	7	11,659.5	536.37
34	Goldfinder of Ashburton.....	9680, P. S.	2	7,300.25	345.44
35	Lady Blanche of Bickleigh.....	9335, P. S.	2	10,645.75	549.53
36	Naftiaux Fannie	3241, F. S.	8	10,288.5	530.41
37	Wide Horn	2501, F. S.	14	13,079.0	621.44
38	Brehaut's Violet 2d.....	9610, P. S.	2½	6,287.5	374.29
39	Comique	4345, F. S.	7	7,810.25	413.71
40	Vivandiere	4264, F. S.	5	9,767.5	551.96
41	Florrie of the Palloterie 6th.....	7409, P. S.	5	10,353.5	609.69
42	Cosy 3d of Vauxbelets.....	8847, P. S.	3½	8,164.75	394.38
43	My Lady Mysore 3d.....	9287, P. S.	2½	9,071.5	462.18
44	Violet of the Gree	2610, F. S.	11	9,598.5	471.16
45	Queen 4th of Blicqs.....	5690, P. S.	8	13,978.0	738.3
46	Gazelle 3d des Islets.....	9469, P. S.	2½	8,650.0	510.34
47	Lily of Melrose.....	4379, F. S.	7	7,067.0	363.44
48	Medea of Park Farm.....	2921, F. S.	10	10,650.5	600.7
49	Daisy of the Houmets.....	9887, P. S.	2	10,772.25	497.80
50	Zara 7th	5751, P. S.	8	10,589.0	499.97
51	Butter Girl of the Gree.....	4637, F. S.	3	9,324.5	530.93
52	Fleurie 7th	5726, P. S.	9	9,753.0	481.82
53	Tiny of the Hougue Fouque.....	3717, F. S.	6	7,808.5	402.40
54	Cheminante 10th	6288, P. S.	11	10,767.5	496.01
55	Clara's Pride	8799, P. S.	5	7,725.25	365.01

A. R. No.		Herd Book number	Age years	Milk, pounds	Butterfat pounds
56	L. C.	9652, P. S.	2	7,418.25	402.52
57	Bertha of King's Mills.....	9559, P. S.	2	6,409.75	332.34
58	Princess May of the Gree.....	4207, F. S.	8	9,952.25	576.3
59	Sweet Briar of Bickleigh.....	8121, P. S.	4	12,944.75	698.54
60	Master's Violet	3119, F. S.	10	10,467.0	504.98
61	Galaxy's Honoria 2d.....	9314, P. S.	2½	8,876.75	434.96
62	Queen Caradoc 4th.....	10233, P. S.	2	7,080.75	303.91
63	Venus 4th of Vauxbelets.....	8120, P. S.	4½	8,476.5	441.79
64	Lily Primrose of Blanche Pierre.....	3994, F. S.	5	10,292.0	489.36
65	Fauchette des Rocquettes.....	8035, P. S.	4	7,922.50	432.73
66	Molly of Myrtle Place III.....	7496, P. S.	5	7,446.75	384.97
67	Desireta 4th	8787, P. S.	3½	7,706.50	477.50
68	Daisy of the Friquet.....	3502, F. S.	7	12,512.50	662.98
69	Financier's Honoria	5149, P. S.	9	10,907.75	532.39



Nelly 2d of the Croisee 6061, P. S.—Island record, 724.84 pounds fat.

70	Golden Bess of Ashburton.....	4711, F. S.	2½	9,115.75	398.69
71	Golden Fairy of Ashburton.....	12147, P. S.	2½	5,360.75	265.22
72	Armada 2d	5679, P. S.	9	9,394.50	539.28
73	Camp	4463, F. S.	3½	6,482.0	539.27
74	Beauty of the Ruettes.....	6834, P. S.	6	14,298.75	739.29
75	Valentine 3d	7514, P. S.	5	15,477.75	783.10
76	Fanny 2d of La Porte.....	8992, P. S.	3½	7,624.50	375.30
77	Nell of Mont Plaisant.....	2685, F. S.	10	7,537.0	401.59
78	Polly of Mont Plaisant.....	4428, F. S.	4	8,288.50	378.13
79	Queen 2d of the Blicqs.....	5688, P. S.	10	9,972.25	537.46
80	Princess May I of the Hunguets.....	5461, P. S.	8	10,357.0	481.70
81	Seabelle 13th	8727, P. S.	3½	10,361.0	558.99
82	Stella des Raies.....	3562, F. S.	7	9,127.0	500.3
83	Carre's Polly	9111, P. S.	3	7,218.69	368.75
84	Poppy de la Valette de Bas.....	10584, P. S.	1½	6,873.25	369.62
85	Duchess of Duvaux.....	4465, F. S.	3½	6,755.75	349.57
86	Lily of the Simons.....	3372, F. S.	7	8,880.50	500.55
87	Daisy 2d of the Bernauderie.....	9634, P. S.	2½	7,416.35	336.42
88	Figtree 3d	10156, P. S.	2	8,276.25	454.31
89	Nellie des Blancs Bois 9th.....	5468, P. S.	8	11,700.50	585.30
90	Lily of Pleinmont.....	3738, F. S.	6	8,985.19	514.21
91	Langlois Lily	9580, P. S.	2½	8,043.25	443.05
92	Flora of les Annevilles.....	3239, F. S.	8	13,172.25	714.73
93	Rouge 2d de la Planque.....	9582, P. S.	2½	10,182.0	460.12

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A. R. No.		Herd Book number	Age years	Milk, pounds	Butterfat pounds
94	Topsy of Bickleigh.....	3431, F. S.	8	12,647.0	596.26
95	Lillia 21st	5930, P. S.	9	7,628.63	366.13
96	Aralia 3d	10173, P. S.	2	8,529.0	399.07
97	Marmotte	3728, F. S.	8	9,577.82	514.61
98	Rosetta of the Vauxbelets.....	3490, F. S.	6	8,007.19	432.20
99	Minnie of Bickleigh.....	3433, F. S.	8	12,700.25	605.63
100	Fancy 2d of Les Caches.....	8099, P. S.	4½	10,335.50	462.76
101	Sylvia of the Vauxbelets.....	2934, F. S.	9	8,281.19	454.41
102	Iris XVII	4142, F. S.	5	8,302.25	486.54
103	Rosetta 2d of the Vauxbelets.....	8652, P. S.	4	7,588.0	428.99
104	Rosie of the Vauxbelets.....	2538, F. S.	13	10,112.07	424.80
105	Rosetta of Marais Farm.....	8156, P. S.	4½	8,035.65	413.32
106	Dairymaid of Duvaux.....	3316, F. S.	8	9,757.50	398.95
107	Dairymaid 4th of Duvaux.....	9040, P. S.	3	7,231.45	308.25
108	Cheminante 11th	9909, P. S.	2½	12,109.75	564.37
109	Mildred 2d of Les Godaines.....	9943, P. S.	3	5,867.75	280.55
110	Rochina of Bickleigh.....	8967, P. S.	3	10,200.50	496.97
111	Pretty of Vimiera.....	3075, F. S.	8	10,539.50	556.41
112	Dairymaid of Anneville 8th.....	9173, P. S.	3	6,520.75	371.75
113	Fleurie of the Bassieres.....	5939, P. S.	8	10,360.0	453.79
114	Clara 2d of the Tertre.....	5790, P. S.	10	10,465.15	432.31
115	Nelly 4th of the Bassieres.....	7241, P. S.	6	7,792.75	373.15
116	Blanchette 2d	3034, F. S.	8	13,003.19	621.58
117	Lady Richmond 2d.....	10104, P. S.	2½	8,323.50	446.96
118	Ruettes Beauty 1st.....	6492, P. S.	9	14,805.75	757.72
119	Fleurie 3d of the Cloture.....	8459, P. S.	4½	12,324.25	593.87
120	Primrose of les Longcamps.....	4767, F. S.	2	9,899.75	496.18
121	Mistress of the Clos.....	9401, P. S.	3	7,174.50	332.58
122	Sequel's Honoria	6722, P. S.	7	12,428.0	540.64
123	Daisy of Pleimont.....	3651, F. S.	6	12,141.06	676.81
124	Butter of Clairmont.....	3637, F. S.	10	6,689.25	364.13
125	Rosette 2d of Duvallerie.....	9001, P. S.	3½	9,903.75	528.51
126	Clara 16th of the Rouvets.....	5476, P. S.	10	12,024.50	577.17
127	Golden Secret	7721, P. S.	5	11,895.62	556.97
128	Nellie des Blancs Bois 10th.....	10257, P. S.	2	8,848.82	499.63
129	Clara's Pride 2d.....	9536, P. S.	3	9,008.75	428.30
130	Violet des Caches.....	4216, F. S.	9	9,983.75	504.64
131	Sequel's Bountiful	4038, F. S.	5	11,963.25	613.92
132	Fancy's 2d's Princess.....	9698, P. S.	2½	7,792.25	390.08
133	Sylph's Pride 5th.....	7321, P. S.	6	10,312.75	505.83
134	Fashion 2d	3823, F. S.	5	8,894.75	500.10
135	Jenny's Pride 2d.....	4811, F. S.	2	9,622.0	533.68
136	Lady Dunes 3d.....	10040, P. S.	2½	8,940.50	487.78
137	Financier's Honoria 2d.....	10226, P. S.	2½	10,116.0	468.77
138	Flossie of the Rouvets.....	4243, F. S.	4½	6,315.70	370.64
139	Susan of Bickleigh.....	3509, F. S.	7	10,428.50	527.68
140	Charmante's Pride 4th.....	10394, P. S.	2	7,586.50	355.27
141	Golden Dawn 2d.....	10634, P. S.	2	10,289.50	458.57
142	Marmotte 2d	10954, P. S.	2	6,033.19	318.35
143	Fern II of the Camp.....	9829, P. S.	3	6,035.0	311.23
144	Fern III of the Camp.....	10715, P. S.	2	7,570.75	354.68
145	Myra	3589, F. S.	7	9,310.0	445.96
146	Clara's Pride 3d.....	10657, P. S.	2½	8,659.75	462.71
147	Sylph's Pride 3d.....	6047, P. S.	9	15,965.50	711.42
148	Fanny of Mont Plaisant.....	4025, F. S.	5	9,092.0	448.13
149	Desireta 4th	8787, P. S.	4½	8,193.25	502.00
150	Duchess of Mont Plaisant.....	3718, F. S.	6	8,818.25	493.76
151	Clara's Pride 4th.....	10823, P. S.	2½	8,402.0	425.24
152	Queen 2d of the Rouvets.....	8551, P. S.	5	11,197.10	520.03
154	Desireta 5th	11151, P. S.	2	9,309.75	439.72
155	Flora of the Briquet 4th.....	10734, P. S.	2½	10,745.0	533.14
156	Primrose Day	9468, P. S.	3½	10,541.09	504.93
157	Flossie 3d of La Croisee.....	7908, P. S.	6	13,662.0	692.22
158	Lily 2d of Les Pages.....	10963, P. S.	2½	7,597.50	411.72
159	Topsy of the Douit.....	3021, F. S.	9	9,581.60	497.45
160	Daisy des Padins.....	4005, F. S.	6	8,948.0	424.80
161	Brickfield Beauty 2d.....	6527, P. S.	8	10,913.69	602.59
162	My Lady Mysore 2d.....	6894, P. S.	7	7,990.50	486.69
163	My Lady Mysore 3d.....	9287, P. S.	4	8,938.50	432.39

A. R. No.		Herd Book number	Age years	Milk, pounds	Butterfat pounds
164	Braye Duchess 2d.....	11053, P. S.	2	10,523.50	469.47
165	Braye Adafina	4916, F. S.	2	8,472.50	411.30
166	Floss 3d of Les Reines.....	8064, P. S.	5	9,953.75	485.16
167	Queen des Ruettes.....	11418, P. S.	2	10,280.25	555.02
168	Rowden 2d of Vimiera.....	11430, P. S.	2	7,371.99	360.94
169	Golden Chance of Ashburton.....	4933, F. S.	2½	8,678.0	416.74
170	Yvonnette	4163, F. S.		10,903.25	497.79
171	Chilcott's Rose of Gold.....	4763, F. S.	3	10,314.25	545.97
172	Lanoe's Maid	5774, P. S.	12	9,024.25	442.97
173	Hotton's Nelly 7th.....	8988, P. S.	4½	8,266.50	395.19
174	Princess of the Braye.....	4357, F. S.	6	9,167.25	434.46
175	Queenie of Clovelly.....	4973, F. S.	2½	8,553.0	417.02
176	Queen of La Ramee.....	3066, F. S.	10	9,743.26	441.31
177	Mulberry of Bel Air.....	9689, F. S.	3½	8,892.0	390.32
178	Sarkie of Dixcart.....	4578, F. S.	5	7,166.50	375.90
179	Nellie des Blancs Bois 9th.....	5468, F. S.	9	10,134.11	482.98
180	Blanchette de la Rue de la Cache.....	4497, F. S.	7	11,938.50	578.98
181	Dairymaid of Anneville 8th.....	9173, P. S.	4½	7,750.50	432.45
182	Marais Rosie	4104, F. S.	6	11,668.0	552.94
183	Cleopatra 3d	10876, P. S.	2½	7,982.36	394.67
184	Rosy of the Vauxbelets V.....	10420, P. S.	3	6,770.12	329.06
185	Polly 10th of the Beaulin.....	11555, P. S.	2	7,073.20	382.02
186	France 2d's Desiree of King's Mills.....	4955, F. S.	2	10,042.75	539.31
187	Rose Point	7265, P. S.	7	10,851.50	481.32
188	Esperance of the Effards	4143, F. S.	6	8,948.5	445.52
189	Esperance of the Effards 2d.....	11357, P. S.	2	7,619.75	400.57
190	Daisy of the Echelle.....	4094, F. S.		9,676.0	434.37
191	Braye Amida	14190, P. S.	7	8,569.5	485.43
192	Governess	4806, F. S.	3	10,263.5	548.74
193	Brilliant 17th	11720, P. S.	2	4,834.3	284.00
194	Lady Violet 3d of Bickleigh.....	11129, P. S.	2½	6,891.25	381.35
195	Bijou of the Echelle.....	4058, F. S.		8,473.75	425.58
196	May de la Seigneurie.....	4516, F. S.	5	8,956.0	487.01
197	Daisy Astor of the Valley.....	4942, F. S.	2½	7,715.75	369.65
198	La Fleur du Jardin 18th.....	11890, P. S.	2	8,623.25	451.54
199	Merric Maid	3395, F. S.	11	8,543.25	444.45
200	Buttercup of the Marais.....	5543, P. S.	11	12,439.0	536.70
202	Pine Apple	3273, F. S.	9	10,771.0	484.67
205	Kitty of the Brickfield.....	2526, F. S.	11	7,982.5	454.41
210	Braye Duchesse	7172, P. S.	8	16,340.25	708.58

Not having an experiment station on the Island to super-vise the records, a man is regularly employed by the society, and there are now so many cows under test that it takes practically all of his time. Already these yearly records are having a marked effect on the breeding operations of the island, and it is almost certain that in a short time most of the bulls used on the Island will be from the cows that have made advanced register records.

Prices for the best of the tested animals are going up by leaps and bounds as the American breeders come to know more about their records. The islanders, trained by their show yard ideals, will maintain the individual excellence of the Island cattle, but it is to be hoped that they will not let either one make them forget to maintain the peculiar trait of the breed, that of giving highly colored and highly flavored milk, cream and butter.

CHAPTER VII.

Guernseys in Public Tests

While the value of public tests has been greatly over-estimated, still this book would hardly be complete without a review of the results achieved by them. The earliest record that I find of a Guernsey cow being entered in a public test



Imp. Coraline 1790—18.74 ounces fat in one day—18 pounds butter in seven days on grass alone.

is that of the cow, Coraline 1790, at the Wisconsin State Fair in 1886. The results of this test on a butterfat basis were as follows:

Cow	Breed	Butterfat Sept. 22 ounces	Butterfat Sept. 23 ounces	Av'ge for 24 hours ounces
Gabriel Champion	Jersey	23.21	24.28	23.80
Fyke	Holstein-Friesian	13.29	11.93	12.61
Sister Rex	Jersey	22.52	22.81	22.67
Coraline 1790	Guernsey	18.50	18.98	18.74
Rosa	Grade	29.97	26.20	28.09

According to the scale of points adopted, these cows were credited as follows:

Cow	1 point for every 10 days since calving	3 points for each ounce fat in 24 hours	Total
Gabriel Champion	4.80	71.40	76.20
Fyke	6.00	37.83	43.83
Sister Rex	3.90	68.01	71.91
Coraline	11.80	56.22	68.02
Rosa	9.20	84.26	93.46

Coraline was fed an average of 12 pounds of grain a day and the others were fed from 13.09 pounds for Fyke up to 18.11 pounds for Rosa.

At the New York State Fair in 1890, there were entered in a butter test four herds of four cows each. Two were Holstein herds, one was a Jersey, and one a Guernsey. The rules required the cost of food consumed to be taken into consideration, and the prize of \$100 was awarded for the greatest total production of butterfat. Quite a complete report of this test will doubtless prove of interest. The following is a copy of the official report made by the society.

Herd No. 1—Guernseys. Owner, Levi P. Morton, Rhinecliff, N. Y.

	Morning	Noon	Evening	Totals
Pounds of milk.....	67.8	32.5	34.12	134.9
Pounds of cream.....	15.5	9.1	8.4	32.0
Time of separating, minutes.....	17	7	8	32
Temperature of milk, degrees.....	86	90	90	

Product of unsalted, unworked butter, 8 pounds 6 ounces; of finished butter, worked quite dry, 7 pounds. Ratio, 19.22 pounds milk to 1 of butter; quality of butter very high; in color, of highest order.

Herd Record.

Name	Register number	Weight pounds	Age years	Days in milk	Days in gestation
Lily of Orange II.....	3684	834	6	33	None
Bienfaitrice IV	3657	972	5	66	None
Rose des Cotils.....	3694	1,040	7	159	None
Creamhorn II of Les Caches..	3663	980	6	87	None

Herd No. 2—Jerseys. Owner, Ayer & McKinney, Meridale, N. Y.

	Morning	Noon	Evening	Totals
Pounds of milk.....	50.125	23.12	26.14	100.65
Pounds of cream.....	12.6	6.12	6.15	26.1
Time of separating, minutes.....	16	5	5	26
Temperature of milk, degrees.....	84	90	90	

Same conditions and treatment as in No. 1. Product of unsalted, unworked butter, 7 pounds 7 ounces; salt added, product of finished butter, 5 pounds 9 ounces; ratio, 18.23 pounds milk to 1 pound butter. Quality high, but not as high in color as the Guernsey product.

Herd Record.

Name	Register number	Weight pounds	Age years	Days in milk	Days in gestation
Matilda V	18069	808	8	45	30
Pogis May	26950	992	6	50	1
Lady May of Prospect.....	19768	762	7	77	30
The Colonel's Daughter.....	50230	750	2	71	None

Herd No. 3—Holsteins. Owner, Chas. Robinson & Son, Barre Plains, Mass.

Conditions and treatment the same as in Nos. 1 and 2.

	Morning	Noon	Evening	Totals
Pounds of milk.....	108.6	57.13	51.10	217.13
Pounds of cream.....	22.4	12.4	9.14	44.6
Time of separating, minutes.....	30	12	11.5	53.5
Temperature of milk, degrees.....	86	90	91	

About 20 per cent of warm water was added to the morning's milk before it was passed through the separator; product of unsalted, unworked butter, 7 pounds 7 ounces; 8 ounces salt added; product of finished butter, 6 pounds 11 ounces; ratio, 32.57 pounds milk to 1 pound butter. Quality fine, but of lighter color than any of the four products.

Herd Record.

Name	Register number	Weight pounds	Age years	Days in milk	Days in gestation
Tirania	6716	1,294	7	56	None
Mechthilde	6718	1,540	7	147	56
Lutscke	8356	1,410	8	28	None
Christabel	1247	1,310	10	56	None

Herd No. 4—Holsteins. Owner, Henry Stevens, Laconia, N. Y.

	Morning	Noon	Evening	Totals
Pounds of milk.....	104.7	42.11	53.1	207.3
Pounds of cream.....	17.9	10.5	9.14	37.12
Time of separating, minutes.....	22	10.5	11	43.5
Temperature of milk, degrees.....	89	90	90	

Same conditions and treatment as the foregoing, except there was no warm water added to the morning's milk before separating it. Product of unsalted, unworked butter, 8 pounds 6 ounces; salt added, 9 ounces; product of finished butter, 6 pounds 4 ounces. Ratio, 33.15 pounds milk to 1 pound butter. Quality of butter very fine and in color very nearly up to the Jersey product.

Herd Record.

Name	Register number	Weight pounds	Age years	Days in milk	Days in gestation
Inka	222	1,136	14	49	None
Inka VI	7968	1,094	3	55	None
Inka Princess	7970	1,014	3	50	None
Maggie Keys	1743	1,094	5	35	None

It will be seen that Mr. Morton's Guernseys had been in milk an average of 83 days each; the best herd of Holsteins, 72 days each. Those were the days of the large weekly butter records, and it is of interest to note that the two cows, Tirania and Mechthilde, of Messrs. Robinson's herd were credited with private records of 39 pounds 10.5 ounces and 36 pounds 11 ounces, respectively, in seven days, while none of the Guernsey cows have published records. It was revelations such as these that deterred Guernsey breeders from making private butter tests against such questionable competition. Writers of those days often said there was no evidence of the Guernseys being good producers, simply because Guernsey breeders did not take kindly to the weekly butter

test. When records began to be made on a fat basis, they found reasons to change their minds.

In May, 1887, a New York dairy show was held at Madison Square Gardens, at which a public one-day test was carried on, and the following table gives the results:

Name	Butter pounds	Butter ounces	Fat per cent	Curd by dif. per cent	Water per cent	Total fat in butter ounces
Clothilde	2	7½	77.55	1.39	21.06	30.63
Clothilde 4th	2	¼	81.51	.67	17.82	26.29
Gold Lace	1	14½	84.52	.93	14.55	25.78
Jessie of Lester Manor..	1	14½	84.05	.72	15.24	25.64
Mechthilde	1	14	76.75	1.06	22.19	23.02
Lady Fay	1	10½	81.98	1.01	17.01	21.52
Hilda A 3d	1	9¾	78.33	.87	20.80	20.17
Island Chrissie	1	8¾	83.75	.92	15.43	20.70
Movieke	1	2¾	82.98	.57	16.45	15.56

Cows Nos. 1, 2, 5, 6 were Holsteins; Nos. 3, 7, 8 were Jerseys; and No. 4 was a Guernsey. The results indicate that there was a disposition on the part of the buttermakers to leave considerable water in the butter, and Dr. S. M. Babcock, writing under date of May 21, 1887, commenting on this said: "I think the only fair way to judge such tests is by the amount of fat which the butter contains."

In 1888 the New Jersey Experiment Station asked the different associations registering purebred dairy cattle to select and furnish the station with three purebred cows each. Five associations did this. In Bulletin 47, December 11, 1890, the following tables were published:

Table I—Average Composition of Milk for Eight Months.

Herd	Specific gravity	Water	Total solids	Fat	Casein	Sugar	Ash
Ayrshire	1.0341	87.30	12.70	3.68	3.48	4.84	0.69
Guernsey	1.0350	85.52	14.48	5.02	3.92	3.92	0.75
Holstein-Friesian	1.0328	87.88	12.12	3.51	3.28	3.28	0.64
Jersey	1.0353	85.76	14.34	4.78	3.96	3.96	0.75
Shorthorn	1.0339	87.55	12.45	3.75	3.27	3.27	0.75

Table V—Average Cost of Food per Quart of Milk.

Herd	Days under experiment	Total milk pounds	Total milk quarts	Daily milk yield pounds	Daily milk yield quarts	Cost of food Total	Food cost Daily	Food cost per quart milk
Ayrshire ...	1,510	29,845	13,566	19.87	9.0	\$226.71	15 c	1.66c
Guernsey ...	1,559	29,785	13,539	19.10	8.7	232.63	14.9c	1.71c
Holstein-Fr'n	1,045	25,376	11,530	24.28	11.0	202.12	19.3c	1.75c
Jersey	1,251	23,085	10,493	18.45	8.4	201.90	6.1c	1.91c
Shorthorn ..	1,604	31,370	14,259	19.56	9.0	247.76	15.4c	1.71c

Table VI—Average Cost of Food per Pound of Total Solids.

Herd	Days under experiment	Total milk, pounds	Pounds milk daily	Per cent total solids	Total solids, pounds	Pounds solids daily	Total cost of food	Daily cost of food	Food cost per pound solids
Ayrshire ..	1,510	29,845	19.76	12.71	3,793.3	2.51	\$226.71	15 c	5.9c
Guernsey ..	1,559	29,785	19.10	14.62	4,354.6	2.79	232.63	14.9c	5.3c
Holstein-Fr'n	1,045	25,366	24.27	12.17	3,087.0	2.95	202.12	19.3c	6.2c
Jersey	1,251	23,085	18.45	14.54	3,356.5	2.68	201.99	16.1c	6.0c
Shorthorn .	1,604	31,370	19.56	12.69	3,980.9	2.48	247.76	15.4c	6.2c

Table VII—Average Cost of Food per Pound of Fat.

Herd	Days under experiment	Total milk, pounds	Pounds milk daily	Per cent of fat	Total pounds fat	Pounds fat daily	Total cost of food	Daily cost of food	Food cost per pounds of fat
Ayrshire ..	1,510	29,845	19.76	3.69	1,101.3	0.73	\$226.71	15.0c	20.6c
Guernsey ..	1,559	29,785	19.10	5.09	1,516.0	0.97	234.63	14.9c	15.3c
Holstein-Fr'n ..	1,045	25,366	24.27	3.55	900.5	0.86	202.12	19.3c	22.4c
Jersey	1,251	23,085	18.45	4.89	1,128.8	0.90	201.99	16.1c	17.9c
Shorthorn ..	1,604	19.56	19.56	3.70	1,188.9	1.74	247.76	15.4c	20.8c

It was very unfortunate that the New Jersey station lost this herd of cattle by fire so that the experiment could not be continued.

At about the same time, the station located at Geneva, N. Y., undertook similar work, except that they started with heifers instead of with cows, and they, too, were unfortunate in that disease nearly ruined many of the cows. Probably because of this discouragement and also because there was so little value in a test of breeds where so few individuals were concerned, they discontinued the work.

The following table and the table on page 186 are taken from the report of that station for 1894:

Table Showing Cost of One Pound of Butterfat.

Breed	Name of cow	First Cents per pound	Period of Lactation Second Cents per pound	Third Cents per pound	Fourth Cents per pound
American Holderness.	Maggie 6th	23.70	20.75	20.61	.....
American Holderness.	Nora	16.46	.....	.....	.....
Ayrshire.....	Manton Belle .....	.....	21.94	20.00	18.93
Ayrshire.....	Junietta .....	.....	21.80	17.21	.....
Ayrshire.....	Miss Flow 5th	22.32	22.95	21.73	21.84
Ayrshire.....	Queen Duchess	18.10	18.44	.....	.....
Devon.....	Artalia	19.25	.....	.....	.....
Devon.....	Genevia's Gift	19.80	18.43	.....	.....
Devon.....	Ione	21.40	24.00	.....	.....
Guernsey.....	Madame Select .....	.....	16.21	.....	.....
Guernsey.....	Oriole	14.61	14.72	.....	.....
Guernsey.....	Rosette Ford	16.90	15.70	.....	.....
Guernsey.....	Stella Select	19.70	.....	.....	.....
Holstein-Friesian....	Beauty Pledge .....	.....	14.45	.....	.....
Holstein-Friesian....	Esel 2d	18.70	.....	.....	.....
Holstein-Friesian....	Netherland Con- stance	20.75	.....	.....	.....
Holstein-Friesian....	Ruth	23.63	.....	.....	.....
Jersey.....	Albert's Carol	18.96	16.62	.....	.....
Jersey.....	Barbara Allen	18.00	18.77	14.75	.....
Jersey.....	Countess Flavia	17.00	15.44	15.33	12.96
Jersey.....	Gilderbloom	18.22	.....	14.07	.....
Shorthorn.....	Betsy 10th	20.50	15.00	.....	.....

It will be noted that one Guernsey and one Holstein-Friesian heifer were added the second year, that this added heifer was the only Holstein to make more than one year's

THE GUERNSEY BREED

Table Showing Pounds of Fat and of Casein in Milk.

Breed	Name of cow	First		Second		Third		Fourth	
		Lactation Pounds	Period Pounds	Lactation Pounds	Period Pounds	Lactation Pounds	Period Pounds	Lactation Pounds	Period Pounds
American Holderness	Maggie VI	164.1	107.8	227.4	149.4	231.4	152.1	.....	.....
American Holderness	Nora	229.3	147.9	.....	.....	.....	.....	.....	.....
Ayrshire	Junetta	.....	.....	233.4	138.7	304.4	207.1	.....	.....
Ayrshire	Manion Belle	210.3	138.4	232.0	132.7	292.5	197.6	266.7	170.3
Ayrshire	Miss Flow V	217.3	149.3	176.0	120.9	231.4	150.0	236.3	162.5
Ayrshire	Queen Duchess	270.8	181.4	266.7	178.8	.....	.....	.....	.....
Devon	Airtala	217.1	150.5	.....	.....	.....	.....	.....	.....
Devon	Genevieve's Gift	145.0	81.8	209.7	118.4	.....	.....	.....	.....
Devon	one	160.8	102.5	175.0	107.2	.....	.....	.....	.....
Guernsey	Madame Select	.....	.....	292.4	160.2	.....	.....	.....	.....
Guernsey	Oriole	261.4	143.0	326.1	178.3	.....	.....	.....	.....
Guernsey	Rosette Ford	251.9	130.6	350.4	188.7	.....	.....	.....	.....
Guernsey	Stella Select	240.7	122.8	.....	.....	.....	.....	.....	.....
Guernsey	Beauty Pledge	.....	.....	322.8	177.9	.....	.....	.....	.....
Holstein-Friesian	Esel II	281.7	212.6	.....	.....	.....	.....	.....	.....
Holstein-Friesian	Netherland Constance	277.1	216.8	.....	.....	.....	.....	.....	.....
Holstein-Friesian	Ruth	182.7	132.7	.....	.....	.....	.....	.....	.....
Jersey	Albert's Carol	244.2	125.0	256.4	131.3	347.2	183.0	.....	.....
Jersey	Barbara Allen	245.3	129.3	256.8	135.3	285.4	157.8	347.8	189.6
Jersey	Countess Flavia	294.4	161.9	282.2	160.7	307.8	164.2	.....	.....
Jersey	Gilderbloom	226.1	120.6	.....	.....	.....	.....	.....	.....
Shorthorn	Betsy X	214.7	138.0	323.3	207.8	.....	.....	.....	.....

Tabulated Summary Giving Comparison of Results Secured with Different Breeds of Dairy Cattle with Reference to Production of Butter and Cream. Average per Cow for One Period (10 Months) of Lactation.

	American Holderness	Ayrshire	Devon	Guernsey	Holstein- Friesian	Jersey	Shorthorn
	2	4	3	4	4	4	1
Number of cows.....	4	12	5	6	4	11	3
Total number of periods of lactation.....	3.73	3.60	4.60	5.40	3.36	5.60	4.44
Per cent of fat in milk.....	213.1	244.8	183.3	285.30	266.1	282.3	269.0
Pounds of milk-fat produced.....	239.9	275.2	208.4	323.6	298.1	322.4	305.1
Pounds of butter produced.....	4.20	4.05	5.32	6.05	3.76	6.40	5.04
Pounds butter from 100 pounds milk.....	23.80	24.70	19.15	16.33	26.60	15.63	19.84
Pounds milk to make one pound butter.....	1.126	1.125	1.135	1.14	1.12	1.143	1.135
Pounds butter from one pound milk-fat.....	20.13	20.15	20.47	16.14	19.06	16.12	17.18
Cost in cents of one pound milk-fat.....	16.90	17.92	18.00	14.15	17.02	14.11	15.15
Cost in cents of one pound butter.....	\$59.98	\$68.80	\$52.10	\$81.40	\$74.53	\$80.60	\$76.28
Money value of butter produced.....	17.08	19.48	14.38	35.25	23.80	35.11	30.06
Pounds of cream produced.....	1,065.5	1,224.00	916.5	1,427.5	1,330.5	1,410.50	1,345.00
Pounds of milk for one pound cream.....	5.37	5.58	4.35	3.80	5.95	3.60	4.50
Pounds in cents of cream per pound.....	4.03	4.03	4.09	3.23	3.81	3.22	3.44
Cost in cents of cream per quart.....	8.50	8.50	8.63	6.82	8.04	6.79	7.26
Money value of cream produced.....	\$101.00	\$116.02	\$86.86	\$135.27	\$126.10	\$133.70	\$127.48
Profit derived from cream.....	57.03	65.48	48.44	87.70	74.04	70.92	79.92

test, and that none of the Guernseys continued after the second year.

The table on page 187 gives a complete summary of the work as far as they carried it.

While the number of individuals involved in this experiment is small, the results bear out other similar tests in proving that in economy of butterfat production the Guernsey has no superior.

In 1900 Prof. F. W. Woll, of the University of Wisconsin, published in the *Breeders' Gazette* a compilation of the average annual production of 186 cows of different breeds, all of which had been at different American experiment stations, and the results are as follows:

Average Annual Production of Cows of Different Breeds.						
Breed	Number of cows	Average live wt.	Milk pounds	Fat pounds	Cost of food	Per cent of fat
Jersey	79	886	5,683	290.0	\$42.12	5.10
Holstein-Friesian	30	1,169	7,868	274.6	48.46	3.49
Guernsey	26	937	5,889	294.5	38.73	5.00
Ayrshire	17	977	6,536	238.5	48.44	3.65
Shorthorn	17	1,169	7,314	292.5	40.52	4.00
Devons	6	884	4,743	203.8	.....	4.30
Native	8	1,021	6,181	245.8	.....	3.98
American Holderness ..	2	864	5,869	218.6	41.19	3.72
Polled Angus	1	1,256	5,992	261.7	37.07	4.37

It will be noted by this table that not only did Guernseys lead in the average production of butterfat, but also that they produced this at a lower food cost than the cows of any other breed, with the exception of the single Polled Angus cow, with a production much lower than that of the Guernseys.

The cost of food required for the production of milk and fat was as follows:

Breed	Food cost per 100 pounds milk, cents	Food cost pound fat, cents
Jersey	74.0	14.5
Holstein-Friesian	61.6	17.6
Guernsey	65.8	13.2
Ayrshire	74.1	20.3
Shorthorn	55.4	13.9
American Holderness	70.2	18.8
Polled Angus	61.9	14.2

In 1893 there was carried on at the World's Fair at Chicago a very exhaustive breed test, in which 25 cows of the Jersey, the Guernsey, and the Shorthorn breeds were entered. The test was divided into three periods, the first being from May 16th to May 26th, in which a test for the production of cheese was carried on; the second of 90 days from June 1st to August 29th, for the production of butter; and the third of 30 days' duration. At each change of period breeders were al-

lowed to substitute any animals that they wished. In the cheese contest the cheese was valued as follows: That scoring 95 to 100, at 16c; 90 to 95, at 14c; 85 to 90, at 12c; 80 to 85, at 10c. The cost of food for producing one pound of cheese was, for Guernseys, \$6.74; for Jerseys, \$6.76, and for Shorthorns, \$9.22. The figures of total production and cost were as follows:

Breed	Pounds milk given	Pounds cheese made	Cost of food
Guernsey	10,938.6	1,130.62	\$76.25
Jersey	13,296.4	1,451.76	98.14
Shorthorn	12,186.7	1,077.60	99.36

The prices of foodstuffs per ton were: Cornmeal, \$22; corn hearts, \$13.50; oats, \$23; cottonseed, \$26; bran, \$12.50; middlings, \$13; grano gluten, \$14.75; oil meal, \$22; hay, \$11.50; and ensilage, \$5. It is very difficult to compute comparative profits for these cows because prices of food and products have so changed.

In the following table the results of the 90-day butter test are given in a nutshell:

	Jerseys		Guernseys		Shorthorns	
	Total for herd	Daily average per cow	Total for herd	Daily average per cow	Total for herd	Daily average per cow
Hay, old	7,940.3	3.53	14,343	6.37	13,545	6.3
Hay, new	13,270	5.9	11,775	5.23	9,565.4	4.38
Clover, green	27,788.3	12.6	16,110	7.16	725	.33
Grass, swale	240	.11	.....	.....	.....	.....
Silage	4,617	2.05	582	.26	51,707.4	23.64
Bran	11,992.5	5.33	13,040.5	5.8	10,853.5	4.96
Middlings	9,452.5	4.2	4,018.5	1.8	5,773.5	2.64
Corn hearts	12,748.5	5.66	7,430	3.3	9,864.5	4.51
Corn meal .....	.....	.....	1,100.75	.49	705	.32
Oats	2,561	1.1	168.35	.074	2,078	.95
Oil meal	4,667	2.07	2,465.5	1.09	2,180	1.00
Cottonseed meal ..	2,962.25	1.32	2,063	.91	3,277	1.5
Grano gluten	867	.38	3,304.5	1.47	1,662	.76
Cream gluten .....	.....	.....	1,894	.84	2,973.6	1.36
Cost	\$587.50	\$0.261	\$484.14	\$0.215	\$505.48	\$0.231
Products.						
Milk, pounds	73,478.8	32.65	61,781.7	27.46	66,263.2	30.62
Test, per cent.	4.784	.....	4.507	.....	3.727	.....
Fat, pounds	3,545.17	1.562	2,784.56	1.238	2,409.97	1.111
Loss of fat, pounds.	96.31	.....	96.22	.....	98.27	.....
Other solids, pounds	6,465.05	2.873	5,501.44	2.445	5,750.83	2.662

The food cost per pound of fat was: Jerseys, \$1.666; Guernseys, \$.174; Shorthorns, \$.209.

In the 30-day test of 25 cows, each breed produced as follows:

Breed	Pounds milk	Pounds fat	Cost of food	Cost of fat per pound
Jersey	13,921.9	685.81	\$111.23	\$0.162
Guernsey	13,518.3	597.86	92.76	.157
Shorthorn	15,618.3	555.71	104.55	.188

Individual records of the Guernseys in the 90-day butter test were as follows:

Name of Cow and Owner	Amount of Products			Weight at close of test	Cost of food
	Milk	Fat	Solids		
Materna—N. K. Fairbank.....	3,511.8	153.39	330.48	1,053	\$22.693
Sweet Ada—John M. Eddy.....	3,225.5	140.68	302.17	1,126	22.050
Select VIII—F. Shaw.....	2,986.1	147.61	278.73	1,048	21.436
Essence—Levi P. Morton.....	2,847.5	132.57	259.69	989	18.527
Ethics of Cornwall—G. Howard Davison,	2,953.1	132.17	271.57	955	19.993
Amanda—James Logan Fisher.....	3,276.9	129.34	292.74	976	20.028
Aldine—Ezra Michiner.....	2,515.6	117.85	240.83	970	20.016
Rosette—Levi P. Morton.....	2,884.0	116.98	261.08	940	19.241
Lady of Ellerslie—Levi P. Morton....	2,392.2	118.49	224.68	875	18.967
Princess Aster II—Hopewell Bros.....	2,826.9	115.55	252.81	962	18.788
Mernie—Geo. C. Hill.....	2,346.1	113.96	223.06	949	19.919
Claudia—James Logan Fisher.....	2,377.7	110.23	223.61	976	19.947
Countess Cora—Francis Shaw.....	2,143.5	101.53	201.80	973	19.014
Lawn Tennis—Silas Betts.....	2,204.1	101.64	204.62	...	17.960
Lottie C II—John Evans.....	2,471.9	102.65	215.83	1,008	18.572
Prudie of Castle Brook—Clover Ridge					
Farm.....	2,124.8	98.20	193.63	861	18.337
Bella of the Touillets—Francis Shaw...	2,248.7	100.62	205.84	981	19.237
Miss Cowslip—E. F. Bowditch.....	2,306.3	99.59	213.26	871	18.574
Daisy Flower—S. L. Hoxie.....	2,204.6	98.11	204.42	820	18.761
Jane Ash—Walter Cutting.....	1,872.5	97.40	175.25	971	18.500
Honor—Edward Norton.....	2,257.0	94.38	206.00	985	19.332
Jeweller's Jessie—Francis Shaw.....	2,212.9	93.15	208.48	931	19.723
Ovation—A. J. Cassatt.....	2,017.0	89.53	185.90	...	17.404
Rosabella—Levi P. Morton.....	1,942.3	91.97	180.06	871	19.259
Panacea—J. R. Scott.....	1,732.7	86.97	170.18	986	17.806



Materna 1334—Winner of Sweepstakes for Guernseys, World's Fair, Chicago, 1893.
Best Guernsey in 90-day butter test.



Mary Marshall 5604, A. G. C. C.—The prize-winning Guernsey and winning cow in butter production in the Pan-American Model Dairy Herd, Buffalo, 1901.

The individual records of the Guernsey cows in the 30-day test were as follows:

Name of Cow and Owner	Pounds milk	Pounds fat	Weight	Cost of food
Purity—G. H. Davison.....	1,060.7	45.28	1,150	\$5.587
Careno—N. K. Fairbank.....	922.3	45.37	985	6.111
Vesta's Valencia—A. J. Cassatt.....	985.7	43.33	1,082	5.651
Sweet Ada—John M. Eddy.....	986.2	45.88	1,147	7.082
Materna—N. K. Fairbank.....	1,058.4	45.16	1,076	7.36
Select VIII—Francis Shaw.....	866.9	44.63	1,041	7.067
Duchess of Orleans—Francis Shaw..	1,044.3	41.85	975	5.979
Marita—Walter Cutting.....	1,014.6	39.26	966	5.717
Ethics of Cornwall—G. H. Davison..	865.4	39.56	961	6.526
Rosette V—Levi P. Morton.....	904.3	37.89	983	6.372
Aldine—Ezra Michener.....	767.8	36.53	897	6.13
Lady of Ellerslie—Levi P. Morton...	658.3	34.21	971	5.508
Amanda—James Logan Fisher.....	847	33.79	974	5.859
Princess Aster II—Hopewell Bros....	866.8	34.39	918	6.369
Essence—Levi P. Morton.....	669.1	30.83	996	5.458

I have purposely omitted the matter of profit because the butter was variously credited at from 40c to 50c per pound when it was not worth an average of 25c in the market that year. This made it possible to figure much larger profits for the cows than the conditions warranted. In the case of the cheese test, the cheese was actually worth not over 8c per pound, and with $1\frac{1}{4}$ c as the usual price allowed for the making, the Guernsey and Jersey cows would have just paid for

their feed, while the Shorthorns would have come a good way from it. But in the published reports, with cheese valued at $12\frac{1}{2}@15c$, the cows were represented as making individual profits for the 15 days of from \$1.08 to \$6.97.

Throughout the year the Guernseys maintained their reputation for scoring above other breeds in the flavor of the butter, while the Jersey butter always excelled in solidity.



Medara Fern 7426—Member Pan-American Model Dairy Herd, Buffalo, 1901.

When it is considered that, up to the time of this test, only about 6,000 Guernseys had been registered in America, that the Guernsey interests were then in their infancy, and that only by the generosity of some men deeply interested in the breed was it possible for the Guernseys to enter this test, the results were very gratifying, indeed, and multitudes of new friends were made for the breed. As the Guernsey butter was made without artificial coloring matter, it proved a revelation to people who had not previously known of the breed.

In 1901 the officials of the Pan-American Exposition, to be held in Buffalo that year, announced that they would conduct a model dairy, to consist of five cows from each of as many breeds as could be obtained. The committee of the

American Guernsey Cattle Club that was put in charge of the Guernseys would never have taken the cows to Buffalo at all except upon the representation of the officials that no test would be attempted, but that only a model dairy would be carried on. When the committee reached Buffalo, however, and the cows were on the grounds, it was found that plans were under way for a regular breed contest similar to the one conducted at Chicago. The Guernsey people had decided after the Chicago test that the results to be obtained



Procris of Paxtang 8722, A. R. 14—Member Pan-American Model Dairy Herd, Buffalo, 1901.

from such tests were not commensurate with their cost; but, having the cows at Buffalo, the committee finally decided to participate. Much credit is due S. I. Murphy for the work done by the Guernseys. The American Guernsey Cattle Club have given such wide publicity to that test, that the results are reviewed here only in summary.

The following regulations were adopted to govern the competition of returns and the awarding of honors:

Prices of feed per ton: Oil meal, \$25; bran, \$15; ground oats, \$19; cottonseed meal, \$25; corn meal, \$16; gluten feed, \$16; pea meal, \$25; clover hay, \$7; ensilage, \$2; green food, \$1.75.

Values of products per pound: Butter, 25c; total solids, 9c.



Cassiopeia 4885—Member Pan-American Model Dairy Herd, Buffalo, 1901.

Butterfat on a basis of 85 per cent fat in butter.

The loss or gain in weight of animals to be computed at 3c per pound.

What the loss or gain in live weight has to do with production in live cows has hardly been determined.

Prizes were awarded as follows:

A prize for the herd showing the greatest net profit, butterfat alone considered, as determined by the Babcock test.

A prize for the herd showing the greatest net profit in total solids.

A prize for the herd showing the greatest net profit in total solids and in loss and gain of live weight.

The names of the five Guernsey cows participating in the test were Cassiopeia 4885, Procris of Paxtang 8722, Medara Fern 7426, Vega 7214, and Mary Marshall 5604.

The standing of the 10 breeds competing in the Model Dairy Breed Test in the different classes follows:

The prizes were awarded according to the net profit, determined by deducting the cost of food from the total value of the product.

Production of Butterfat.

Breed	Pounds	Butterfat Value	Cost of feed	Net profit
Guernsey	1,248.09	\$367.09	\$136.99	\$230.10
Jersey	1,234.96	363.22	137.78	225.44
Ayrshire	1,219.44	358.66	140.98	217.68
Holstein	1,275.85	375.25	164.69	210.56
Red Poll	1,141.81	335.83	138.03	197.80
Brown Swiss	1,123.15	330.34	147.26	183.08
French Canadian	984.11	289.44	113.10	176.34
Shorthorn	1,138.85	334.96	162.12	172.84
Polled Jersey	948.41	278.98	109.47	169.44
Dutch Belted	847.49	249.26	132.32	116.94

The yield of churned butter was computed from the actual results of one day's churning of each breed's cream from the milk of one day of each week, and the yield for the week determined from this churning in proportion to the actual milk yield of the breed for the week.

Owing to lack of machinery, during the first three weeks no churnings were made. The amount of butter credited for the period was determined in a similar manner from the actual churning during the following three weeks.

Production of Churned Butter.

Breed	Pounds	Churned Butter Value	Cost of feed	Net profit
Guernsey	1,429.43	\$357.36	\$136.99	\$220.37
Jersey	1,409.15	352.29	136.68	214.51
Ayrshire	1,415.57	353.89	140.98	212.91
Holstein	1,430.28	357.57	164.69	192.88
Red Polled	1,319.25	329.86	138.03	191.83
French Canadian	1,179.65	294.91	113.10	181.81
Brown Swiss	1,296.36	324.09	147.26	176.83
Shorthorn	1,307.55	326.89	162.12	164.77
Polled Jersey	1,080.25	270.06	109.47	160.59
Dutch Belted	977.10	244.28	132.32	111.96

Production of Milk Solids.

Breed	Pounds	Total Solids Value	Cost of feed	Net profit
Holstein	4,742.57	\$426.83	\$164.49	\$262.14
Ayrshire	4,185.30	376.68	140.98	245.70
Brown Swiss	3,943.92	354.94	147.26	207.69
Guernsey	3,774.93	339.74	136.99	202.75
Red Polled	3,773.73	339.64	138.03	201.61
Jersey	3,769.98	339.30	137.78	201.52
Shorthorn	4,086.53	367.79	162.12	305.67
French Canadian	3,287.36	295.86	113.10	182.76
Polled Jersey	2,831.67	254.85	109.47	145.38
Dutch Belted	3,066.47	275.98	132.32	143.66

Production of Milk Solids and Live Weights.

Breed	Total solids Pounds	Total solids Value	Live weight Gain	Live weight Value	Total credit	Cost of feed	Net profit
Holstein	4,742.57	\$426.83	391	\$11.73	\$438.46	\$161.69	\$273.87
Ayrshire	4,185.30	376.68	218	6.54	383.22	140.98	242.24
Shorthorn	4,086.58	367.79	802	24.00	391.85	162.12	229.73
Brown Swiss	3,943.92	354.95	198	5.94	360.89	147.26	213.62
Red Polled	3,773.73	339.64	349	10.47	350.11	138.03	212.08
Guernsey	3,774.93	339.74	195	5.85	345.59	136.99	208.60
Jersey	3,769.98	339.30	189	5.67	344.97	136.78	207.19
French Canadian	3,298.36	295.86	288	8.64	304.50	113.10	191.40
Dutch Belted	3,066.47	275.98	376	11.28	287.26	132.32	154.94
Polled Jersey	2,831.67	254.85	275	8.25	263.10	109.47	153.63

So far as the rules are concerned, the above covers the ground and is in substance the official report. To Guernsey breeders these results were most gratifying. It established the fact that the Guernsey has no superior as a butter producer. This breed test, and that at the World's Fair at Chicago have proven that no one breed has all the best cows, that there are good points in all breeds, and that the Guernsey has shown the public she is willing to divide honors with them all.

The official records of the Pan-American test show that the Guernsey cow, Mary Marshall, returned the greatest net profit in butter production of the entire 50 entered. Her profit was \$59.41 for the period. The Guernsey cow, Cassiopeia stood third, with a profit of \$50.42, and the Guernsey cow, Procris, fifth, with a profit of \$49.49; thus three of the best five cows were Guernseys. The records also show that the Guernseys made butter at the least cost per pound, and returned the greatest profit for every dollar invested in feed.

Breed	Cost per pound of butter	Profit for every dollar invested in food	
		Butterfat	Butter
Guernsey	9.31c	\$1.67	\$1.60
Jersey	9.48c	1.63	1.55
French Canadian	9.76c	1.55	1.60
Polled Jersey	9.80c	1.54	1.46
Ayrshire	9.81c	1.54	1.51
Red Polled	10.27c	1.43	1.39
Holstein	10.93c	1.27	1.17
Brown Swiss	11.14c	1.24	1.20
Shorthorn	12.10c	1.01	1.01
Dutch Belted	13.27	.86	.84

During the progress of the test there was exhibited in a glass case a sample of the butter made from the milk of each herd. Fresh samples were made once a week and submitted to an expert, who scored them. The average score shows that the Guernsey butter ranked highest on flavor and color, thus being the best-quality butter. The score used in judging the butter was as follows: Flavor, 45; grain, 25; color, 15; salt, 10; finish, 5. Total, 100. In the test no use of butter coloring was allowed.

Breed	Average Butter Scores.					Total
	Flavor	Grain	Color	Salt	Finish	
Guernsey	41.54	24.83	14.97	10	5	96.34
Jersey	41.25	24.90	14.65	10	5	95.80
Polled Jersey	41.07	24.90	14.67	10	5	95.64
French Canadian	40.875	24.70	14.2	10	5	94.8
Brown Swiss	40.95	24.55	14.28	10	5	94.78
Shorthorn	40.89	24.43	14.27	10	5	94.59
Dutch Belted	40.925	24.375	14.175	10	5	94.475
Red Polled	40.86	24.34	14.27	10	5	94.47
Holstein	40.75	24.26	14.38	10	5	94.39
Ayrshire	40.55	24.42	14.15	10	5	94.12



Vega 7214—Member Pan-American Model Dairy Herd, Buffalo, 1901.

From these averages it will be seen that the qualities that have been claimed for Guernsey products are noticeable here. The desirable flavor which has been so highly prized wherever Guernsey milk and cream have been sold we find in the butter. It is not expected that the ability of the Guernsey to color her milk and butter is so pronounced in the summer season when on green food in comparison with some of the other breeds, but it was readily seen in the samples of butter exhibited and in the scoring. The contrast would undoubtedly have been much greater in the winter season on dry feed.

To those of us who watched the scoring of the butter for color the scores given did not at all represent the differences in the butter, for some that was practically devoid of color was scored as high as $12\frac{1}{2}$ or 13, while butter practically perfect in color was scored but $14\frac{1}{2}$. If in the scoring of butter 15 points out of 100 is not too much to allow for color, then in a contest of this kind white butter should be scored much lower than is done in practice. If only two points of difference are all that may be made for color, then 12 points should be taken from the points allowed for color and added to those for flavor. If this were done, Guernsey butter would score higher because of its recognized superiority in flavor over other butters.

It will also be noted that the Guernsey cows maintained

their reputation for producing butterfat at the lowest cost per pound.

In 1909 W. W. Marsh, of Waterloo, Iowa, offered \$1,000 for prizes for a dairy cow contest to be carried on under the auspices of the Iowa Experiment Station. The owners of dairy cattle in that state vied with each other in securing the best cows to be had to enter in this contest. At least \$2,500 is said to have been paid for a cow that finished a long way behind the winner. Mr. Marsh entered three cows himself.



Dairymaid of Pinehurst 24656—14,562.4 pounds milk, 860.26 pounds fat in one year.

When the year was ended his cows had produced the three largest amounts of butterfat given by any cow in the contest. They were Dairymaid of Pinehurst 24656, 14,562.4 pounds of milk, 860.26 pounds of fat; Jedetta of Pinehurst 17434, 15,109.1 pounds of milk, 778.8 pounds of fat; and Glencoe's Bopeep 18602, 18,121.7 pounds of milk, 622.61 pounds of fat.

The result of this competition was to greatly advertise the Guernseys, and Dairymaid of Pinehurst was in the years 1910 and 1912 the leading attraction at the National Dairy Show.

In 1909 and 1911 a similar contest was carried on in Wisconsin. In two different months a purebred Guernsey led in the production of butterfat, and in another month a Guernsey grade led. The Guernsey grade cows were the sensation of

this contest. Their work will be spoken of in another chapter. In this contest many excellent records were made with purebreds, the best being that of Yeksa Unis 19790, 640.7 pounds of fat at $4\frac{1}{2}$ years of age.

In the Illinois competition, which closed October 1, 1912, the Guernseys also made a remarkably good showing. Contrafuria 29090 won third place in Class A, cow any age, with a record of 11,743.2 pounds of milk, containing 534.14 pounds of fat. She also won second prize, Class E, cows two to three years of age. Her stable mate, Snippy Glenwood 29098, followed her in this class, with a record of 10,549 pounds of milk containing 510.59 pounds of fat.

The prize offered for the largest number of grade cows producing over 300 pounds of butterfat in a year was won by Joseph Nicholson, of West Brooklyn, whose average for eight grade Guernseys was 7,026.6 pounds of milk containing 331.15 pounds of butterfat.

These contests greatly stimulated dairy sentiment in the beef country. For the first time in some of these states the average farmer realized what the production of a real dairy cow might be.

At many other fairs and exhibitions the Guernsey has shown herself equal to any rival in the excellence of dairy qualities. In the light of present knowledge of the small value of short time tests, whether made under favorable home conditions or at exhibitions, where changes of feed, water and atmosphere make good results unlikely, these tests are undeserving of further mention in this book.

CHAPTER VIII.

Show-yard Records

While the breeders of Guernsey cattle have from the very first been particularly strong advocates of production records as the important means of improving their breed, still they have always been ready to exhibit the best specimens of the breed in competition with their fellow Guernsey breeders at leading fairs and exhibitions.

In the early days the Jersey and the Guernsey were shown at both English and American fairs in the same class, generally under the name of Alderney or Channel Islands



Aged Cow Class, Wisconsin State Fair, 1910.

cattle, but as early as 1870 the secretary of the Royal Agricultural Society of England recommended that the Guernseys be given a class by themselves, and they were first classed alone at the exposition of that society in 1871.

Good showings of Guernseys began to be made at the New York State and other leading eastern fairs in the early '80s. The cow *Elegante* 592 was the sweepstakes winner over all breeds at the New York State Fair in 1881, having won first prize on Guernsey in 1880 at the Herd Book Show and second at the show of the Royal Guernsey Agricultural Society in the same year.

The growth of show-yard interest has steadily increased, until now, with the Guernseys third in rank in the number of registered animals, they have for the last two or three years made the largest exhibits of all breeds at many of the leading fairs east and west and at the National Dairy Show. It is impossible in a book of this size to give even an approx-

imately complete record of the show-yard winnings at the state fairs alone, but notice will be taken of some animals that are worthy of particular mention. Competition was not keen enough before about 1890 to make the records of particular interest, except in the case of one or two shows.

In 1887 a dairy show was held at the Madison Square Garden, New York City. The following is a list of the exhibitors of Guernseys and the number of animals each showed:

Exhibitor	Males	Females
J. W. Fuller	1	6
Wm. Lindsey	1	2
E. N. Howell	5	9
A. J. Cassatt	1	6
C. B. Wood	2	5
L. W. Ledyard	1	3
Joseph Krouse	1	1
Francis Shaw	2	14
Mrs. S. P. Taber-Willetts	3	13
Total	17	59

Guernseys had never been seen assembled in the numbers and with the quality exhibited at this show, and at least one of the leading agricultural papers pronounced Mr. Shaw's exhibit the best of all at the show. The prizes were awarded as follows:

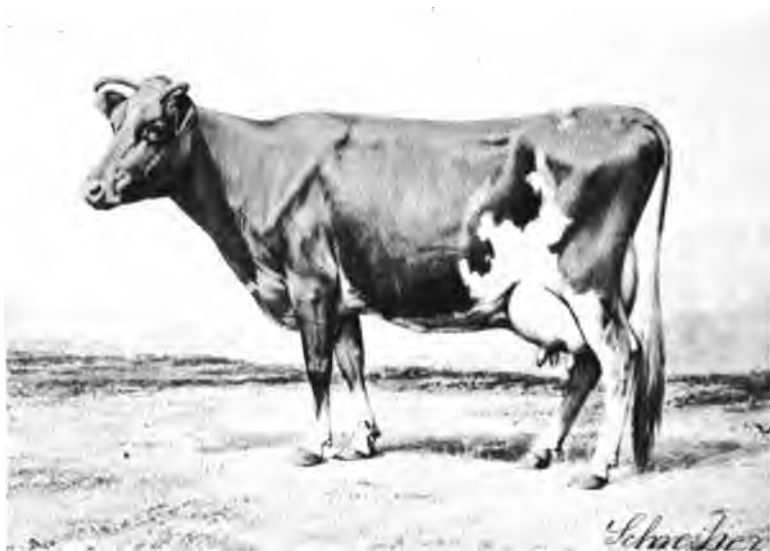
Herd consisting of bull one year old or over, and four females, two in milk and two over one year old, of which such as were not bred by exhibitor have been his property during three months previous to the exhibition—one prize only: Francis Shaw, bull, Squire of Larchmont 911; females, Dawn 711, France 2207, Picotte 2d 2218, Jessie of Lester Manor 740.

Bull of any age, and four of his progeny (females): No first prize awarded; second prize, Chas. B. Wood, bull, Fancy's Lad 651; progeny, Fancy's Beauty 3087, Champion Snowflake 3086, Fancy's Golden Girl 3081, Starr's Golden Beauty 3083.

Bulls one year old and under two: First prize, E. N. Howell, Wonder of the World 1469; second prize, Joseph Krouse, General Dart 1208; third prize, J. W. Fuller, Vulcan Select 1213.

Bull calves under one year old: First prize, Mrs. S. P. Taber-Willetts, Kohinoor 1505; second prize, E. N. Howell, Duke of Springside 1518.

Cows three years old or over: First prize, Francis Shaw, Jessie of Lester Manor 740; second prize, L. W. Ledyard,



Imp. Jessie of Lester Manor 740—first prize, New York Dairy Show, 1887.

Fernwood Lily 1468; third prize, A. J. Cassatt, Lady Ovid 1442.

Special prize for cow with calf, calf six weeks old or under: Mrs. S. P. Taber-Willetts, Gazelle of Fernwood 1467.

Heifer two years old and under three: First prize, E. N. Howell, My Pet 3094; second prize, Mrs. S. P. Taber-Willetts, Cottie Gold Drop 2192.

Heifer one year old and under two: First prize, Francis Shaw, Vestall of Lehigh 2579; second prize, Francis Shaw, Victorine 4th 2547; third prize, J. W. Fuller, Windfall 4th 2580.

Heifer calf under one year old: First prize, Francis Shaw, Vestall of Braintree 3056; second prize, Francis Shaw, Picciola 3054.

As early as 1891, 93 Guernseys were exhibited at the New York State Fair. The leading exhibitors were Hon. Levi P. Morton, with the Ellerslie herd; F. B. Buckley, Valley Falls, and R. A. Borden, Easton, N. Y.

In 1892, G. Howard Davison, Millbrook, N. Y., began showing a herd with great success not only in the east but

through the central west, and the next year he easily carried off the honors at the World's Fair at Chicago. Portions of the Breeders' Gazette's report of that show may be of interest:

This yellow-skinned breed of Channel Islands cattle was strongly represented in the character of its exhibits, if not in numbers. It is an attractive breed in the showyard. Ample size, evidently strong constitutions, handsome fawn color with white spots, waxy horns, large and well-shaped udders, and the clearly-marked yellow nose, eye, ear, and skin unite to make it exceedingly prepossessing in barn, pasture, or on dress parade. Exhibitors at the Columbian were as follows: Dr. G. Howard Davison, Altamont Farm, Millbrook, N. Y.; A. J. Cassatt, Berwyn, Pa.; W. D. Richardson, Garden City, Minn.; J. N. Greenshields, Danville, Can.; Francis Shaw, Wayland, Mass.; and N. K. Fairbank, Chicago. F. W. Tratt, Whitewater, Wis., judged this section. A word or two concerning the prize winners may be of interest.

It was a very excellent half dozen aged bulls which entered the arena. They were of good size, unmistakable Guernsey form, and outstanding richness of golden color. It was not a difficult task to locate the close contestants, for Dr. Davison's Imp. Lord Stranford 2187, the most famous prize winning bull of the breed, and Mr. Shaw's Deputy, which is in service at the Guernsey test barn, were clearly at the head of the class and claiming some attention as to the adjustment of their relative claims. Both are magnificent specimens of the breed and of an order of excellence rarely met with. Lord Stranford was in fine bloom and in conformation, quality, and richness he is a grand type of a dairy bull. He is full of the finest masculine character, excelling in back quarters and handling qualities. Position at the head of the class seemed of right to belong to him, and we can compliment Deputy no more highly than to say he stood a close second. He is admirably fashioned, is full of quality and character, and easily takes rank among the high class bulls of the breed. Mr. Cassatt's Nonsuch 2701, a bull of very good lines, nicely made on back and quarters and showing a soft and pliable hide, had third honors, leaving in fourth place Mr. Richardson's Yeksa's Prince 1943, a bull with much depth of rib, well-turned quarters and much Guernsey character. Greenshield's Ontario 743 was fifth and Cassatt's Flippant 2201 was sixth.

A couple of the top cows of the breed confronted the judge, and with so closely matched a pair it is perhaps too much to expect a unanimity of opinion as to their respective merits. Dr. Davison has certainly one of the grand cows of the breed in Purity 2315, and Mr. Fairbank can as clearly lay claim to this distinction with Materna 1334, with whose performances in the Columbian test our readers are familiar. She was the only cow shown from the test barn. They are much the same style—large, robust, low-set, business-looking, with large and well-made udders and teats fashioned and set for easy grasping. They differ materially in one point. Materna is rather homely-headed while Purity has a handsome head and a countenance full of sweet femininity. Materna has a little larger veins and we understand was on that account put to the front. We should not so have placed them. As to conformation, constitution, and milking machinery, there is little difference. Whatever of beauty and finish

is added to a cow is distinctly that much to her credit. The cows now stand side by side in the Guernsey test barn, for Purity has entered the 30-day test, and at present there is little difference in their yields. Visitors to that barn can make their own choice. We fancy most of them would choose a herd of Purity's kind. Mr. Cassatt had third on Birdie of Berwyn 1894, a deep-ribbed, big-uddered, well-veined, workaday cow, sweet and fine enough, and fourth on Encore 4585, a wedge-shaped sort built all over on dairy lines, but a long time



Lord Stranford 2187—first prize, World's Fair, 1893.

in lactation. Mr. Richardson was fifth and seventh on Berkshire Maid 2130 and Imp. Ophir 2520, and Mr. Davison was sixth with Gloriana 3d 2959, a good stamp of a cow, but dry. The list of awards follows:

Herds—First to Davison on Lord Stranford 2187, Purity 2315, Indiana Girl 3d, Bessie of Duncannon 5480, Czarina of Millbrook 6235, and Daremere 6538; second to Cassatt on Flippant 2201, Encore 4585, Nellie Ovid 4802, Milvest 5808, Maudina of Chester 6201, and Vexation 6772; third to Richardson on Yeksa's Prince 1943, Berkshire Maid 2130, Milkmaid 2d 5225, Ophir's Evaline 6936, Belle R. 6933, and Ophir's Pearl 6937.

Young herds—First to Davison; second to Cassatt.

Four animals the get of one bull—First to Davison on the progeny of Hero of Springside 2328; second to Richardson on the get of Yeksa's Prince 1943; third to Cassatt.

Two animals the produce of one cow—First to Cassatt on Encore 4585 with Enchantress 6204 and Joy; second to Davison on Purity 2315 with Czarina of Millbrook 6235 and Daremere 6538; third to Richardson on Ophir's Evaline 6936 and Ophir's Pearl 6937; fourth

to Cassatt on Clella's Pet 5161 with Petite of Chester 6203 and Count Berwyn.

Lord Stranford was sweepstakes bull and Materna was sweepstakes cow.

Joseph L. Hope began showing the H. McK. Twombly herd in 1895, and for several years was an easy winner at all the large Eastern fairs, including what was probably the fin-



Sheet Anchor 2934—first prize, Madison Square Garden, 1895-96.

est show ever made in the east, the Madison Square Garden Live Stock Show of 1896. Here the Guernseys led all other breeds two to one. The bull Lord Stranford, that had been shown with such success by Mr. Davison and that had won more prizes than any other animal of the breed that ever lived, met defeat at this show through his son, Sheet Anchor 2934. Rutila's Daughter 6670 was grand champion cow. The Madison Square Garden Show was continued for only two or three years, and the Guernseys were the leading attraction at this show each year.

Good shows of Guernseys began to be made at the Wisconsin State Fair as early as 1888, but only two or three herds were shown at the most. Commencing with 1896, four or



Rutila's Daughter 6670—first prize, Madison Square Garden, 1895-96.

more herds have been shown practically every year. The awards at the Wisconsin State Fair of 1896 will be of interest, since the four herds shown were those best known in the western show rings at that time.

Aged bulls: First prize to G. C. Hill & Son on Benjamin 1931; second to F. W. Tratt on Lauretta's Squire 3643; third to James H. Beirne on Honorius 3361; fourth to G. C. Hill & Son on Count Coral 3507. **Two-year-olds:** First to W. D. Richardson on Beulah Boy 3762; second to Tratt on Sammy's Tricksey 4190. **Yearlings:** First to Tratt on Sammy's Sampson 4483; second to G. C. Hill & Son on Prince Rosendale 4291; third to Richardson on Tricksey of Linden 4138. **Calves:** First to G. C. Hill & Son on Sir Fantine 4416; second to Richardson on Berkshire Maid's Son; third to Richardson on Milk Maid 2d's Max 4573. **Champion bull:** Benjamin 1931. **Junior champion:** Sammy's Sampson 4483.

Aged cows: First prize to G. C. Hill & Son on Coralette 5722; second to Tratt on Royalette 3299; third, to Tratt on Tricksey 3d 3191. **Two-year-olds:** First to Beirne on Lily Ella 7240; second to Beirne on Lilyita 7241; third to Tratt on Royalette of Paulsdale 8302.

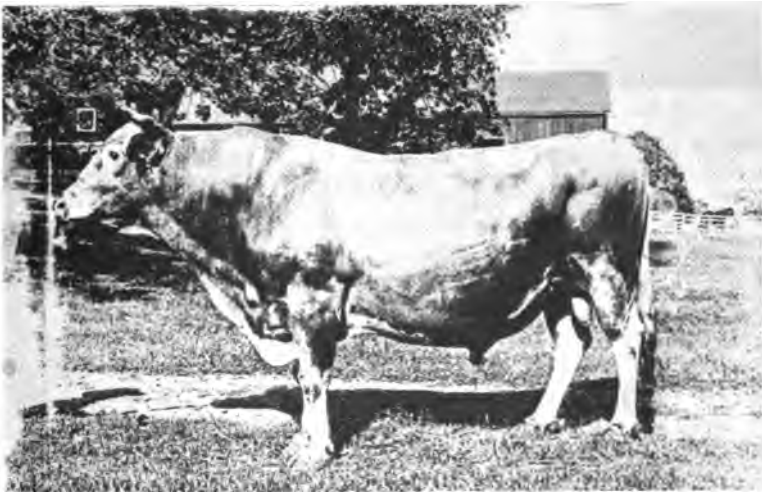
Yearlings: First to Richardson on Berkshire's Myrtle Maid 9065; second to G. C. Hill & Son on Miss Bishop 7868; third to Tratt on Philantha 9092. **Calves:** First to G. C. Hill on May Bishop 8604; second to Tratt on Zela of Whiteside; third to Beirne on Lily B 9134. **Champion cow:** Coralette 5722. **Junior champion:** Berkshire's Myrtle Maid 9065.

Graded herd: First prize to G. C. Hill & Son; second to Tratt; third to Beirne. **Young herd:** First to G. C. Hill & Son; second to Tratt; third to Richardson. **Produce of cow (two):** First to G. C. Hill & Son; second to Richardson; third to G. C. Hill & Son. **Get of bull (four):** First to G. C. Hill & Son (Benjamin); second to Tratt; third to Richardson.

At the Trans-Mississippi Exposition held at Omaha in 1898, three herds were entered but only two were exhibited, those of Geo. C. Hill & Son, Rosendale, Wis., and James B. Duke, Somerville, N. J., the former winning most of the first prizes. This show was of course too far west at that time for many attending people to be interested in the dairy cattle.

An especially good show was held at the Wisconsin State Fair in 1901.

A fine showing was made at the Pan-American Exposition



Benjamin 1931, A. R.—first prize, Wisconsin State Fair, 1892, 1894, 1896, 1897, 1898.

at Buffalo, N. Y., in 1901, and the exhibitors and awards were as follows:

Aged bulls—

- 1st Prince Rosendale 4291—Clayton C. Taylor, Lawton Station, N. Y.
- 2d Imp. Annatto 3887—L. P. Morton, Rhinecliff, N. Y.
- 3d Safe Anchor 4654—F. B. Buckley, Valley Falls, N. Y.

Two-year-old bulls—

- 1st Highbinder 5732—L. P. Morton.
- 2d George Maxwell 7530—F. B. Buckley.
- 3d Red Oak of Homestead 5915—Lewis E. Benedict, Lutherville, Md.



Lily Ella's Jeweller—first prize, Wisconsin State Fair, 1901.

Yearling bulls—

- 1st Island Heirloom of Dentonia 7324—W. E. H. Massey, Toronto, Ont.
- 2d Better Times 6458—Clayton C. Taylor.
- 3d Prince Fashion 6446—L. P. Morton.
- 4th Leriston 6692—L. P. Morton.
- 5th Chief of Meadowvale 7194—Lewis E. Benedict.

Bull calves—

- 1st Chief I Am 7101—Clayton C. Taylor.
- 2d King Orange 7162—F. B. Buckley.
- 3d Boxer 7100—Clayton Taylor.
- 4th Champion Duke of M. 7192—Lewis E. Benedict.
- 5th Jim Jams 7121—Clayton C. Taylor.

Aged Cows—

- 1st May Rose of Dentonia 13853—W. E. H. Massey.
- 2d Lady Agnes 13763—Clayton C. Taylor.
- 3d Pride of Dentonia 13852—W. E. H. Massey.
- 4th Imp. Philine 8646—L. P. Morton.
- 5th Jessica of Dentonia 13849—W. E. H. Massey.

Two-year-old Heifers—

- 1st Dakota's Lady 13550—F. B. Buckley.
- 2d Daisy of Meadowvale 11633—Lewis E. Benedict.
- 3d Itta Bena 11960—L. P. Morton.
- 4th I X L 11688—Clayton C. Taylor.
- 5th Namouna Standard 13541—F. B. Buckley.

Yearling Heifers—

- 1st Goda 12538—Clayton C. Taylor.
- 2d Klamath 13184—L. P. Morton.
- 3d Laramie of Ellerslie 12816—L. P. Morton.
- 4th Mabel Frances 13535—F. B. Buckley.
- 5th Graceful Princess 12880—Clayton C. Taylor.



Prince Rosendale 4291—first prize, Pan-American Exposition, 1901; first prize, Louisiana Purchase Exposition, 1904.

Heifer Calves—

- 1st Mary B. of M. 13595—Lewis E. Benedict.
- 2d Jennie Hopeful II 13428—Clayton C. Taylor.
- 3d Lassie Girl 13430—Clayton C. Taylor.
- 4th Let Her Stay 13431—Clayton C. Taylor.
- 5th Lady Buckley 14925—F. B. Buckley.

Sweepstakes Bull—

- Prince Rosendale 4291—Clayton C. Taylor.

Sweepstakes Cow—

- May Rose of Dentonia 13853—W. E. H. Massey.

Herds—

- 1st Clayton C. Taylor.
- 2d L. P. Morton.
- 3d F. B. Buckley.

Breeder's Young Herd—

- 1st Clayton C. Taylor.
- 2d F. B. Buckley.
- 3d Clayton C. Taylor.

Sire and Get—

- 1st with Safe Anchor 4654—F. B. Buckley.

Cow and Produce—

- 1st May of Maple Glen IV 7864—Clayton C. Taylor.
- 2d Lulu Dale 8411—F. B. Buckley.
- 3d Etta B. II's Princess 8219—Clayton C. Taylor.



Coralette's Son 3987—second prize, Louisiana Purchase Exposition, 1904.

Commencing with the year 1896 to 1898 good showings of the breed began to be made at all the leading state fairs, especially good ones other than those already named being the Illinois, Minnesota, Ohio and New Jersey fairs.

At the Louisiana Purchase Exposition, held at St. Louis in 1904, the Guernsey exhibition was the best ever assembled up to that time. The Breeders' Gazette, commenting on that show, said:

It was a display of Guernsey character and quality calculated to make friends for that popular dairy breed. The exhibit was representative in excellence and numerical standing. It was the superior of anything of the kind that has preceded it in this country. Uniformity characterized the show. All sections were well filled with uniformly high-class showyard contestants. Only a few sub-standard entries were seen. Considering the number of animals shown, it must pass as a strong compliment that the percentage of inferior material was so small. It was evident from this admirable exhibit that American breeders of Guernseys are striving for a common type, a common standard of excellence, a dairy breed of the highest efficiency, and it is a pleasure to record this impression. The exhibit revealed in convincing fashion the improvement in form effected in this refined race of dairy stock since the Columbian. It reflected a unity of purpose and aim on the part of the men who are bringing this breed to a splendid state of development and usefulness. It was illustrative of great achievement and rich in promise of future progress.

Here some of the best known Guernseys from the East and West were shown, and the first prize bull, Prince Rosendale 4291,



Imp. Pride of Home 14447, A. R. 56—534.26 pounds fat; first prize, Louisiana Purchase Exposition, 1904.

that had also won first prize at the Buffalo Exposition in 1901, and Imp. Pride of Home 14447, that won first in aged cow class, were two of the best that the breed has produced. The awards were as follows:

Bulls, Three Years or Over—

- 1st Prince Rosendale 4291—Clayton C. Taylor, Lawton Station, N. Y.
- 2d Coralette's Son 3987—Geo. C. Hill & Son, Rosendale, Wis.
- 3d Rutila's Sheet Anchor 5701—H. McK. Twombly, Madison, N. J.
- 4th Safe Anchor 4654—F. B. Buckley, Schaghticoke, N. Y.
- 5th Pat Seymour 7531—F. B. Buckley.
- H. C. Robiana's Standard 7254—M. D. Cunningham, Kansasville, Wis.
- C. Imp. Cock of the Walk 8116—Edward T. Price, Broad Axe, Pa.

Bulls, Two Years and under Three—

- 1st Guernsey Champion 8218—H. McK. Twombly.
- 2d Strenuous 8216—H. McK. Twombly.
- 3d Milford Lassie II's Anchor 8467—Edward T. Price.
- 4th Superior of Homestead 8785—L. V. Axtell, Perry, Ohio.
- 5th Major Lawton 8224—Clayton C. Taylor.
- H. C. Golden Crest 7910—Geo. C. Hill & Son.
- C. Imp. Coronation King I 8840—Edward T. Price.

Bull, One Year and under Two—

- 1st Golden Morning V 8445—Geo. C. Hill & Son.
- 2d Lawton Standard 9128—C. C. Taylor.
- 3d Imp. Justinee's Gold King 9442—Edward T. Price.
- 4th Florham King 8401—H. McK. Twombly.
- 5th Netherwood John 8872—Wm. Lindsay, Plainfield, N. J.
- H. C. Marshall of France 9051—H. McK. Twombly.
- C. Prince R. of Lawton 8643—C. C. Taylor.

Bulls under One Year—

- 1st Golden Lad of Rosendale 9121—Geo. C. Hill & Son.
- 2d Prince Rosendale Jr. 9214—C. C. Taylor.
- 3d Belle-metal 9052—H. McK. Twombly.
- 4th Sir Hector 9122—Geo. C. Hill & Son.
- 5th Prince Michael 9280—M. D. Cunningham.
- H. C. Rival's Gold Boy 9463—Edward T. Price.
- C. Dolly's Prince 9216—C. C. Taylor.

Cows, Three Years Old or Over—

- 1st Imp. Pride of Home 14447—Jos. L. Hope, Madison, N. J.
- 2d Imp. Red Rose of Seagrove 15264—Edward T. Price.
- 3d Imp. Topsy of the Grandes Capelles 16504—Edward T. Price.
- 4th Imp. Pretoria 14443—H. McK. Twombly.
- 5th Elite of Maplehurst 8452—F. B. Buckley.
- H. C. Imp. Itchen Beda 15627—H. McK. Twombly.
- C. Belle O. K. 12944—Geo. C. Hill & Son.



Imp. Red Rose of Sea Grove 15264—second prize, Louisiana Purchase Exposition, 1904.

Heifers, Two Years and Under Three—

- 1st Imp. Ivy Lass 17554—Edward T. Price.
- 2d Villanette 15767—H. McK. Twombly.
- 3d Imp. Justinee's Golden Queen 17552—Edward T. Price.
- 4th May Lawton 15848—C. C. Taylor.
- 5th Lily of France 15745—H. McK. Twombly.
- H. C. Twilight of Rosendale 14899—Geo. C. Hill & Son.
- C. Lipamy 14688—M. D. Cunningham.

Heifers, One Year and Under Two—

- 1st Imp. Lady Archer XII 17559—Edward T. Price.
- 2d Emma Beranek 15882—Geo. C. Hill & Son.
- 3d Delina of Lawton 16147—C. C. Taylor.
- 4th Mattie B. 15669—F. B. Buckley.
- 5th Ethel Normann 15670—F. B. Buckley.
- H. C. Rose of Lancaster 15754—H. McK. Twombly.
- C. Goda II 15846—C. C. Taylor.

Heifers under One Year—

- 1st Golden Belle of Norwood 17490—Edward T. Price.
- 2d Florham May Rose 17285—H. McK. Twombly.
- 3d Aline of Lawton 17139—C. C. Taylor.
- 4th Tidy III 17246—Geo. C. Hill & Son.
- 5th Sanla II 17142—C. C. Taylor.
- H. C. Mabel Frances III 17655—F. B. Buckley.
- C. Rose of York 17290—H. McK. Twombly.

Champions—

- Bull two years or over: Guernsey Champion 8218—H. McK. Twombly.

Reserve, two years or over: Prince Rosendale 4291—Clayton C. Taylor.
 Bulls under two years: Golden Morning V 8445—G. C. Hill & Son.
 Reserve, under two years: Golden Lad of Rosendale 9121—G. C. Hill & Son.
 Bull, grand championship: Guernsey Champion 8218—H. McK. Twombly.
 Reserve, grand champion—Golden Morning V 8445—G. C. Hill & Son.
 Cow, two years or over: Imp. Pride of Home 14447—J. L. Hope.
 Reserve: Imp. Ivy Lass 17554—Edward T. Price.
 Cows, two years and under: Imp. Lady Archer XII 17559—Edward T. Price.



Imp. Topsy of the Grandes Capelles 16504—third prize, Louisiana Purchase Exposition, 1904.

Reserve: Golden Belle of Norwood 17490—Edward T. Price.
 Cow, grand championship: Imp. Pride of Home 14447—J. L. Hope.
 Reserve: Imp. Lady Archer XII 17559—E. T. Price.

Aged Herd—

- 1st E. T. Price.
- 2d C. C. Taylor.
- 3d H. McK. Twombly.
- 4th F. B. Buckley.
- 5th Geo. C. Hill & Son.
- H. C. H. McK. Twombly.
- C. L. V. Axtell.

Young Herds—

- 1st C. C. Taylor.
- 2d Geo. C. Hill & Son.
- 3d E. T. Price.
- 4th H. McK. Twombly.
- 5th L. V. Axtell.

Aged Herds, Females, bred by Exhibitor—

- 1st H. McK. Twombly.
- 2d C. C. Taylor.
- 3d F. B. Buckley.
- 4th H. McK. Twombly.
- 5th M. K. Cunningham.

Young Herds, Females, bred by Exhibitor—

- 1st C. C. Taylor.

- 2d Geo. C. Hill & Son.
- 3d H. McK. Twombly.
- 4th L. V. Axtell.
- 5th F. B. Buckley.

Get of Sire—

- 1st H. McK. Twombly.
 - 2d C. C. Taylor.
 - 3d F. B. Buckley.
 - 4th E. T. Price.
 - 5th H. McK. Twombly.
- H. C. Geo. C. Hill & Son.
C. L. V. Axtell.

Cow and Produce—

- 1st H. McK. Twombly.
 - 2d E. T. Price.
 - 3d H. McK. Twombly
 - 4th F. B. Buckley.
 - 5th C. C. Taylor.
- H. C. Geo. C. Hill & Son.
C. E. T. Price.

Premier Championship for Breeders—

- 1st H. McK. Twombly.
- 2d C. C. Taylor.
- 3d Geo. C. Hill & Son.

Premier Championship for Exhibitors: Edw. Trotter Price, Broad Axe, Pa.

Many other fine exhibitions of Guernseys were made at the different state fairs east and west and at Brockton, Framingham, and Mt. Kisco in the east, mention of which cannot be included for lack of space. But since the leading breeders of the country usually meet in competition at the National Dairy Show, which will be more and more the court of final judgment for show awards, there is included a report of the winnings of that show, from the first show held in 1906 up to and including the one of 1914.

The first National Dairy Show was held at the Chicago Coliseum, February 15 to 24, 1906. Three herds of Guernseys were shown, those of M. D. Cunningham, J. G. Hickcox, and Granger Farwell. Mr. Cunningham carried off first in aged bulls with Robiana's Standard 7254, and first in aged cows with Gertrude Kelly 13709. The judging was done by Dr. M. B. Wood, of Mankato, Minn.

The second show was held October 9 to 19, 1907, at the International Amphitheatre, and over 150 Guernseys were shown, the largest number of any breed. The judging was done by G. B. Tallmann, Fayetteville, N. Y., and the awards were as follows:

Bulls, Three Years or Over—

- 1st Endymion 8916—Helendale Farms, Athens, Wis.
- 2d Fernwood of Homestead 7448—H. A. C. Taylor, Newport, R. I.
- 3d Birthright 8201—J. Gilbert Hickcox, Whitefish Bay, Wis.
- 4th Glenwood Boy of Haddon 4605—T. W. Brophy, Ingleside, Ill.

Bulls, Two Years and under Three—

- 1st Jewel's Independence 10324—H. A. C. Taylor.
- 2d Dido's Standard 2d 12475—John H. Williams, Waukesha, Wis.
- 3d Benton Harbor 9746—T. W. Brophy.
- 4th Tilly's Anchor 12453—F. B. Buckley, Schaghticoke, N. Y.

Bulls, One Year and Under—

- 1st Imp. Capt. Parry VII 16212—Geo. C. Hupp, Birmingham, Mich.
- 2d Imp. Natona Domingo 10603—Geo. B. Robbins, Hinsdale, Ill.
- 3d Pauledale Boy 12451—F. B. Buckley.
- 4th Old Glory 11188—Helendale Farms.

Bull Calves, Six Months and under Twelve—

- 1st Imp. Young Hero 12181—Geo. C. Hupp, Birmingham, Mich.
- 2d Toby of the Glen 11538—H. A. C. Taylor.
- 3d Victor of the Glen 11540—H. A. C. Taylor.
- 4th Natoma Cicero 12006—Geo. B. Robbins.



Endymion 8916—first prize, National Dairy Show, 1907.

Bull Calves, under Six Months—

- 1st Lindo Benton of Ingleside 12455—T. W. Brophy.
- 2d Prince of the Emerald Farms 12120—M. D. Cunningham, Kansasville, Wis.
- 3d ————Geo. B. Robbins.
- 4th Birthright of Clovernook 12555—J. Gilbert Hickcox.

Cows, Three Years or Over—

- 1st Lily of Helendale 16915—Helendale Farms.
- 2d Sweet Clover 15635—H. A. C. Taylor.
- 3d Penthesilia 17625—Helendale Farms.
- 4th Graph's Princess 13037—M. D. Cunningham.
- 5th Latta T 16746—J. Gilbert Hickcox.

Heifers, Two Years and under Three—

- 1st Queen Sanative 18574—M. D. Cunningham.
- 2d Natoma Glendora 19973—Geo. B. Robbins.
- 3d Morn of Helendale 18100—Helendale Farms.
- 4th Plymouth Queen 19218—J. G. Hickcox.

Heifers not in Milk, One Year, under Two—

- 1st Queen Doranda 19845—M. D. Cunningham.
- 2d Edith of the Glen 21202—H. A. C. Taylor.
- 3d Yeksa Unis 19790—Helendale Farms.
- 4th Violas 19844—M. D. Cunningham.

Heifers in Milk, One Year, under Two—

- 1st Lady Hale 23177—F. B. Buckley.
- 2d Red Clover of the Glen 19611—H. A. C. Taylor.

Heifer Calves, Six Months and under Twelve—

- 1st Linda of Watervliet 23175—T. W. Brophy.
- 2d Melza of the Glen 21667—H. A. C. Taylor.

- 3d Kelly's Beauty 22683—M. D. Cunningham.
 4th Imp. Natoma Barbara 22458—Geo. B. Robbins.
- Heifer Calves, under Six Months—
 1st Plymouth Thorna 22504—J. G. Hickcox.
 2d Plymouth Polly 22503—J. G. Hickcox.
 3d —Geo. B. Robbins.
 4th Kaloolah's Daisy V—Geo. C. Hupp.
- Exhibitor's Herd —
 1st Helendale Farms.
 2d H. A. C. Taylor.
 3d J. Gilbert Hickcox.
 4th M. D. Cunningham.
 5th George B. Robbins.
- Breeder's Young Herd—
 1st H. A. C. Taylor.
 2d Geo. C. Hupp.
 3d F. B. Buckley.
 4th Helendale Farms.
 5th M. D. Cunningham.
- Calf Herd—
 1st Dr. T. W. Brophy.
 2d J. Gilbert Hickcox.
 3d George B. Robbins.
 4th M. D. Cunningham.
- Get of One Sire—
 1st Helendale Farms.
 2d M. D. Cunningham.
 3d H. A. C. Taylor.
 4th F. B. Buckley.
- Produce of One Cow—
 1st M. D. Cunningham.
 2d Helendale Farms.
 3d H. A. C. Taylor.
 4th F. B. Buckley.
- Champions—
 Champion bull, two years or over: Endymion 8916—Helendale Farms.
 Champion bull, under two years: Captain Parry VII 12177—Geo. C. Hupp.
 Champion cow, two years or over: Queen Sanative 18574—M. D. Cunningham.
 Champion heifer, under two years: Linda of Watervliet 23175—T. W. Brophy.
- Grand Champions—
 Champion bull: Endymion 8916—Helendale Farms.
 Champion cow: Queen Sanative 18574—M. D. Cunningham.

The third National Dairy Show was held December 2 to 10, 1908, at the Coliseum, Chicago. At this third show as at the first accommodations were limited and but four herds were shown. The judging was done by J. Russell Danks and the awards were as follows:

- Bulls, Three Years and Over—
 1st Golden Lad of Rosendale 9121—Charles L. Hill, Rosendale, Wis.
 2d Benton Harbor 9746—T. W. Brophy, Chicago, Ill.
 3d Yon Yonson 9735—J. G. Hickcox, Whitefish Bay, Wis.
- Bulls, Two Years and under Three—
 1st Glen Haddon 10700—Hill.
- Bull, One Year and under Two—
 1st Imp. Sequel 12504—Hill.
 2d Lindo Benton of Ingleside 12455—Brophy.
 3d King of Fern Ravine 12511—Hickcox.
 4th Selma's Glenwood 12596—Hill.
- Bull Calves, Six Months, under Twelve—
 1st Quirk 13037—Hill.

- 2d Lord Yekas of Ingleside 12962—Brophy.
- 3d Adonis of Fern Ravine 13268—E. R. Whitcomb, Whitefish Bay, Wis.
- 4th Von of Clovernook 14035—Hickcox.
- 5th Bentonson of Ingleside 12936—Brophy
- Bull Calves under Six Months—
- 1st Chief of Fern Ravine 13711—Whitcomb.
- Cows, Three Years or Over—
- 1st Twilight Lonan 12484—Hill.
- 2d Onota 13463—Whitcomb.
- 3d Twilight's Valentine 19310—Hill.
- 4th Primrosedale 8606—Hill.
- 5th Dolly Bloom of Langwater 15452—Brophy.
- 6th Rose of Ashland 13415—Hickcox.
- 7th Latta T. 16746—Hickcox.

In the latter class the special prizes for Advanced Register cows placed highest in the show ring were awarded as follows: 1st, Twilight Lonan 12484, Hill; 2d, Twilight's Valentine 19310, Hill; 3d, Primrosedale 8606, Hill.

Heifers, Two Years and under Three—

- 1st Gloaming 21127—Hill.
- 2d Princess Glenwood 21872—Brophy.
- 3d Linda of Watervliet 23175—Brophy.
- 4th Miss Violeta 23982—Hickcox.

Class 8—

- 1st Mernal of Rosendale 22949—Hill.
- 2d Queen May of Ingleside 23596—Brophy.
- 3d Lady Chesterbrook of Ingleside 23441—Brophy.
- 4th Yeksa Starlight 22216—Hill.
- 5th Bertha of Clovernook 23434—Hickcox.
- 6th Avis of Clovernook 23433—Hickcox.

Heifers in Milk, One Year and under Two—

- 1st Coral Belle 22213—Hill.

Class 10—

- 1st Mi Carmen 23983—Hickcox.
- 2d Glenwood Twilight 24259—Hill.
- 3d Venus of Rosendale 24262—Hill.
- 4th Golden Jessie's Yeksa of Ingleside 24156—Brophy.
- 5th Elsie of Rosendale 24261—Hill.
- 6th Quoin of Clovernook 26005—Hickcox.
- 7th Hazel of Ingleside 24080—Brophy.

Class 11—

- 1st Bloomfield Lily 24679—Brophy.
- 2d Dolly of Clovernook 26012—Hickcox.
- 3d ————Hickcox.
- 4th Dolly's Glenwood Girl of Ingleside 27892—Brophy.

Exhibitor's Herd—

- 1st Hill.
- 2d Brophy.
- 3d Hickcox.

Breeder's Young Herd—

- 1st Hill.
- 2d Brophy.
- 3d Hickcox.

Calf Herd—

- 1st Brophy.
- 2d Hickcox.

Get of One Sire—

- 1st Hill.
- 2d Brophy.
- 3d Hill

Produce of One Cow—

- 1st Brophy.
- 2d Hickcox.

Champions—

- Male, two years old or over: Golden Lad of Rosendale 9121—Hill.
- Female, two years old or over: Twilight Lonan 12484—Hill.



Twilight Lonan 12484—Grand Champion, National Dairy Show, 1908.

Male, under two years of age: Imp. Sequel 12504—Hill.

Female, under two years of age: Coral Belle 22213—Hill.

Grand Champions—

Male: Golden Lad of Rosendale 9121—Hill.

Female: Twilight Lonan 12484—Hill.

Premier Champion—

Exhibitor's herd: Hill.

Breeder's herd: Hill.

There was a very creditable showing of Guernseys at the Alaska-Yukon Exposition at Seattle in 1909. Sixty-one head were shown by four different exhibitors, two of them coming from the central west. The breed made an excellent impression on this, its first showing in large numbers in the far west.

The judging was done by Charles L. Hill, of Rosendale, Wis., and the awards were as follows:

Bulls, Three Years Old and Over—

1st Golden Prince of Oregon 11912—D. H. Looney, Jefferson, Ore.

2d Golden Ben 7837—A. W. & F. E. Fox, Waukesha, Wis.

3d Topsy's North Star 11479—Thos. H. Wilson, Issaquah, Wash.

4th La Reine's Yeksa 11480—J. G. Hickcox, Whitefish Bay, Wis.

5th Knight of Rosendale 11285—A. W. & F. E. Fox.

Bulls, Two Years Old and Under Three—

1st Gratify 12657—A. W. & F. E. Fox.

2d King of Fern Ravine 12511—J. G. Hickcox.

Bulls, One Year and Under Two—

1st Marilla's Gold Boy 13892—D. H. Looney.

2d King Talladeen of Chestnut Hill 13460—A. W. & F. E. Fox.

3d Prince Karl of Clovernook 14043—J. G. Hickcox.

Bull Calf, Six Months and Under Twelve—

- 1st Prince of Waukesha 14022—A. W. & F. E. Fox.
- 2d Elsie's Trink 14191—D. H. Looney.
- 3d Alan of Clovernook 15238—J. G. Hickcox.

Bull Calf, under Six Months—

- 1st Philo of Ulao 14983—J. G. Hickcox.
- 2d Endeavor's Benjamin 14563—A. W. & F. E. Fox.
- 3d ————D. H. Looney.
- 4th Dewdrop's Even Money 14917—Thos. H. Wilson.
- 5th Quiz of Clovernook 14792—J. G. Hickcox.

Cow, Three Years and Over—

- 1st Kate's Beauty 20508—D. H. Looney.
- 2d Evaline's Queen of Oregon 20608—D. H. Looney.
- 3d Duenna B. 20304—A. W. & F. E. Fox.
- 4th Golden Ocosta's Dewdrop 23158—Thos. H. Wilson.
- 5th Lillie of Poplar Grove 16344—A. W. & F. E. Fox.
- 6th Belle of Galway 11575—J. G. Hickcox.
- 7th Lena of Ledyard 17771—J. G. Hickcox.

Heifers, Two Years and under Three—

- 1st Duenna F. 22676—A. W. & F. E. Fox.
- 2d Marilla's Maid 23976—D. H. Looney.
- 3d Emma F. 22677—A. W. & F. E. Fox.
- 4th Carol of Olao 27774—J. G. Hickcox.
- 5th Queen of the Elms 23793—A. W. & F. E. Fox.
- 6th Lady Willamette 23977—D. H. Looney.
- 7th Miss Violeta 23982—J. G. Hickcox.

Heifers, One Year and under Two (not in milk)—

- 1st Bertha of Clovernook 23434—J. G. Hickcox.
- 2d Lady Lena 23978—D. H. Looney.
- 3d Quoin of Clovernook 26005—J. G. Hickcox.
- 4th Avis of Clovernook 23433—J. G. Hickcox.

Heifers, One Year and under Two (not in milk)—

- 1st Margaret of the Grove 23454—A. W. & F. E. Fox.
- 2d Lady Sequel of Soapstone 24183—A. W. & F. E. Fox.
- 3d Citation 24605—A. W. & F. E. Fox.
- 4th Goldie of Chiconia 23988—D. H. Looney.
- 5th Mi Carmen 23983—J. G. Hickcox.
- 6th Dolly of Clovernook 26012—J. G. Hickcox.
- 7th Leleka 27663—Thos. H. Wilson.
- 8th Valley Maid 24243—Thos. H. Wilson.

Heifer Calf, Six Months and under Twelve—

- 1st Golden Princess of Oregon 26510—D. H. Looney.
- 2d Miss Princess Silk 27327—A. W. & F. E. Fox.
- 3d Miss Eglantine of Oregon 26512—D. H. Looney.
- 4th Miss Coral of Oregon 26511—D. H. Looney.
- 5th Bloomfield Dora 25417—A. W. & F. E. Fox.
- 6th Lulu of Clovernook 27418—J. G. Hickcox.
- 7th Ada of Clovernook 27417—J. G. Hickcox.
- 8th Rhoda of Clovernook 26013—J. G. Hickcox.

Heifer Calf, under Six Months—

- 1st Camisole of Skippack 27201—A. W. & F. E. Fox.
- 2d ————D. H. Looney.
- 3d Laura Queen 27199—A. W. & F. E. Fox.
- 4th Rosebud's Staretta 27664—Thos. H. Wilson.
- 5th ————D. H. Looney.

Champions—

- Junior Male: Marilla's Gold Boy 13892—D. H. Looney.
- Reserve Junior Male: Prince of Waukesha 14022—A. W. & F. E. Fox.
- Senior Male: Golden Prince of Oregon 11912—D. H. Looney.
- Reserve Senior Male: Golden Ben 7837—A. W. & F. E. Fox.
- Grand Champion: Golden Prince of Oregon 11912—D. H. Looney.
- Reserve Grand Champion: Golden Ben 7837—A. W. & F. E. Fox.
- Junior Female: Camisole of Skippack 27201—A. W. & F. E. Fox.
- Reserve Junior Female: Golden Princess of Oregon 26510—D. H. Looney.
- Senior Female: Kate's Beauty 20508—D. H. Looney.
- Reserve Senior Female: Duenna F. 22676—A. W. & F. E. Fox.
- Grand Champion Female: Kate's Beauty 20508—D. H. Looney.
- Reserve Grand Champion Female: Duenna F. 22676—A. W. & F. E. Fox.

Exhibitor's Aged Herd—

- 1st D. H. Looney.
- 2d A. W. & F. E. Fox.
- 3d A. W. & F. E. Fox.



Lord Waukesha 10148—second prize, National Dairy Show, 1909-10.

- 4th J. G. Hickcox.
 5th J. G. Hickcox.
 Exhibitor's Young Herd—
 1st A. W. & F. E. Fox.
 2d D. H. Looney.
 3d J. G. Hickcox.
 Calf Herd bred by Exhibitor—
 1st D. H. Looney.
 2d J. G. Hickcox.
 Breeder's Young Herd—
 1st J. G. Hickcox.
 2d J. G. Hickcox.
 Four Animals, Get of One Sire—
 1st A. W. & F. E. Fox.
 2d D. H. Looney.
 3d A. W. & F. E. Fox.
 4th J. G. Hickcox.
 5th Thos. H. Wilson.
 H. C. J. G. Hickcox.
 Two Animals, Produce of One Cow—
 1st D. H. Looney.
 2d A. W. & F. E. Fox.
 3d D. H. Looney.
 4th J. G. Hickcox.
 5th Thos. H. Wilson.
 H. C. J. G. Hickcox.
 Diploma for largest aggregate winnings as exhibitor: A. W. & F. E. Fox.
 Diploma for largest aggregate winnings as breeder: D. H. Looney.

The Fourth National Dairy Show was held October 18 to 25, 1909, at the Auditorium, Milwaukee, Wis. The Guern-



Victoria of Fern Ravine 19969—Grand Champion, National Dairy Show, 1909.

sey show was particularly fine, and the judge was Joseph L. Hope, Madison, N. J. The awards were as follows:

Bulls, Three Years and Over—

- 1st Lord Mar 14359—W. W. Marsh, Waterloo, Iowa.
- 2d Lord Waukesha 10148—W. M. Jones, Waukesha, Wis.
- 3d Golden Ben 7837—A. W. & F. E. Fox, Waukesha, Wis.
- 4th La Reine's Yeksa 11480—J. G. Hickcox, Whitefish Bay, Wis.

Bulls, Two Years and under Three—

- 1st Gratify 12657—A. W. & F. E. Fox.
- 2d Imp. Raymond of the Preel VII 14361—J. G. Hickcox.
- 3d Prince of the Emerald Farm 12120—M. D. Cunningham Kansasville, Wis.
- 4th King of Fern Ravine 12511—J. G. Hickcox.

Bulls, One Year and under Two—

- 1st Imp. Hero of the Courtil Blicq 14088—W. W. Marsh.
- 2d Yeksa's Unique 13123—Fred Vogel Jr., Milwaukee, Wis.
- 3d Gov. Beatrice 13374—M. D. Cunningham.
- 4th Yekstang Jr. 13120—W. M. Jones.

Bull Calf, Six Months and under Twelve—

- 1st Alpha's Duke 14491—J. H. Williams, Waukesha, Wis.
- 2d Selma's Stranford of Pinehurst 14157—T. W. Brophy, Chicago.
- 3d Quint 14530—J. G. Hickcox.
- 4th Zeta's Boy 15341—Ralph Tratt, Whitewater, Wis.

Bull Calf under Six Months—

- 1st Stranford's Cicero 15343—Ralph Tratt.
- 2d Yeksa's Donald 14500—W. M. Jones.
- 3d Tecumseh of Fern Ravine 14704—Fred Vogel Jr.
- 4th Dairy Maid's Pride of Iowa 14941—W. W. Marsh.

Cow, Three Years old and Over—

- 1st Victoria of Fern Ravine 19969—Fred Vogel Jr.
- 2d The Belle of Fern Ravine 18478—Fred Vogel Jr.
- 3d Mayflower of Eagle 18119—Ralph Tratt.
- 4th Carrie of Westby 16328—Howard Greene, Genesee Depot, Wis.

Heifers, Two Years and under Three—

- 1st Dora's Ada 22416—W. M. Jones.
- 2d Miss Luetilius 27727—Ralph Tratt.
- 3d Lura of Brookhill 27705—Howard Greene.
- 4th Queen of the Elms 23793—A. W. & F. E. Fox.

Heifers, not in milk, One Year old and under Two—

- 1st Henrietta of Genesee 24710—Howard Greene.
- 2d Margaret of the Grove 23454—A. W. & F. E. Fox.
- 3d Countess Irene of Daisydale 27086—J. H. Williams.
- 4th Castello's Daisy 25474—W. M. Jones.

Heifers in Milk, One Year and under Two—This class was sent from the ring by the judge, acting under Rule 26, giving the right to withhold premiums from animals not deemed worthy.

Heifer Calf, Six Months and under Twelve—

- 1st Golden Girl of Cilmaenen 26920—J. H. Williams.
- 2d Susie Allen 27758—A. W. & F. E. Fox.
- 3d Camisole of Skippack 27201—A. W. & F. E. Fox.
- 4th Doris of Genesee 26713—Howard Greene.

Heifer Calf under Six Months—

- 1st Wyoming's Iowa Dairy Girl—W. W. Marsh.
- 2d Lassie's Iowa Dairy Girl 28776—W. W. Marsh.
- 3d Park's Trilby—J. H. Williams.
- 4th Galaxy's Sequel Kelso 27030—Howard Greene.

Cow Any Age, having Official Record—

- 1st Imp. Kathleen II of Les Houards 21264—Howard Greene.
- 2d Tristan's Cinderella 10424—Ralph Tratt.

Exhibitor's Herd—

- 1st W. M. Jones.
- 2d Ralph Tratt.
- 3d A. W. & F. E. Fox.
- 4th W. W. Marsh.

Breeder's Young Herd—

- 1st W. M. Jones.
- 2d Ralph Tratt.
- 3d Howard Greene.
- 4th J. G. Hickcox.

Calf Herd—

- 1st John H. Williams.
- 2d W. M. Jones.
- 3d Howard Greene.
- 4th T. W. Brophy.

Get of Sire—

- 1st A. W. & F. E. Fox.
- 2d W. M. Jones.
- 3d J. H. Williams.
- 4th Ralph Tratt.

Produce of Cow—

- 1st W. M. Jones.
- 2d Ralph Tratt.
- 3d T. W. Brophy.
- 4th Howard Greene.

Champions—

- Senior Male Champion: Lord Mar 14359—W. W. Marsh.
- Junior Male Champion: Imp. Hero of the Courtil Blicq 14088—W. W. Marsh.
- Grand Male Champion: Lord Mar 14359—W. W. Marsh.
- Senior Female Champion: Victoria of Fern Ravine 19969—Fred Vogel Jr.
- Junior Female Champion: Henrietta of Genesee 24710—Howard Greene.
- Grand Female Champion: Victoria of Fern Ravine 19969—Fred Vogel Jr.

The Fifth National Dairy Show was held October 20 to 29, 1910, at the Chicago Coliseum. The Guernseys were judged by J. R. Danks, Smithville Flats, N. Y., and the awards were as follows:

Bull, Three Years Old and Over—

- 1st Glenwood's Combination V 11354—A. W. & F. E. Fox.
- 2d Lord Waukesha 10148—Wm. M. Jones.
- 3d Glenwood's Reputation 7687—M. H. Tichenor.
- 4th Imp. Raymond of the Preel VII 14361—J. Gilbert Hickcox.
- 5th Golden Ben 7837—A. W. & F. E. Fox.

Bull, Two Years and under Three—

- 1st Imp. Hero of the Courtil Blicq 14088—W. W. Marsh.
- 2d King Talladeen of Chestnut Hill 13460—A. W. & F. E. Fox.
- 3d Imp. Noble of the Salines 17601—M. H. Tichenor, Oconomowoc, Wis.



Glenwood's Combination V 11354, A. R.—first prize, National Dairy Show, 1910.

Bull, One Year and under Two—

- 1st Benton's Lindo of Ingleside 17271—Ingleside Farm, Edison Park, Ill.
- 2d Yeksa's Donald 14500—Wm. M. Jones.
- 3d Selma's Stranford of Pinehurst 14157—Ingleside Farm.
- 4th Langwater Royal 14253—A. W. & F. E. Fox.
- 5th Royal Benton of Ingleside 15039—Ingleside Farm.

Bull Calf, Six Months and under Twelve—

- 1st May King's Vrangue of Ingleside 15430—Ingleside Farm.
- 2d Stranford's Glenwood of Pinehurst III 16202—A. W. & F. E. Fox.
- 3d Tristan's Prince 16513—Wm. M. Jones.
- 4th Jewel's Royal Combination of Wawa 15655—Thorn Hill Farm, Deerfield, Ill.
- 5th Patsy of Clovernook—J. Gilbert Hickcox.

Bull Calf under Six Months—

- 1st The Captain of Thorn Hill 17176—Thorn Hill Farm.
- 2d Dora's Yeksa 16898—Wm. M. Jones.
- 3d Imp. Westmoreland 17918—M. H. Tichenor.
- 4th Woodland of Fern Ravine 17478—A. W. & F. E. Fox.
- 5th Cyrus of Clovernook 20866—J. G. Hickcox.

Cow, Five Years and Over—

- 1st Glencoe's Bopeep 18602—W. W. Marsh.
- 2d Tricksey of Waukesha 19016—Wm. M. Jones.
- 3d Lalla Boots of Chantilly III 14973—A. W. & F. E. Fox.
- 4th Lena of Ledyard 17771—J. G. Hickcox.
- 5th Duenna B. 20304—A. W. & F. E. Fox.

Cow, Three Years and under Five—

- 1st Dora's Ada 22416—Wm. M. Jones.
- 2d Imp. Donnington Heartsease 32422—M. H. Tichenor.
- 3d Imp. Richeuse VII of the Duvaux 28542—Thorn Hill Farm.
- 4th Bloomfield Fleurie 22342—Thorn Hill Farm.

Heifer, Two Years and under Three—

- 1st Imp. Lilia of the Bouillon 28350—W. W. Marsh.
- 2d Imp. Lady Smith of the Isle 28355—W. W. Marsh.
- 3d Imp. Aimable of the Hunguets 28353—W. W. Marsh.
- 4th Metelloso 24464—A. W. & F. E. Fox.
- 5th Bertha of Clovernook 23434—J. G. Hickcox.

Heifer, not in milk, One Year and under Two—

- 1st Imp. Dorset Daisy 31982—W. W. Marsh.
- 2d Imp. Daisy des Prevosts 31953—W. W. Marsh.
- 3d Elizabeth's Beauty 28104—Wm. M. Jones.
- 4th Alice Emerson of Ingleside 27896—Ingleside Farm.
- 5th Lolita Yeksa 27895—Ingleside Farm.

Heifer Calf, Six Months and under Twelve—

- 1st Queen May of Ingleside II 28867—Ingleside Farm.
- 2d Glenwood Girl of Waukesha 29640—A. W. & F. E. Fox.
- 3d Lady Whitefoot II 31825—A. W. & F. E. Fox.
- 4th Dawn's Evelyn 31914—Wm. M. Jones.
- 5th Fern Leaf of Arcady 29018—W. W. Marsh.

Heifer Calf under Six Months —

- 1st Lord Mar's Lassie 32272—W. W. Marsh.
- 2d Bessie Beauty 31917—Wm. M. Jones.
- 3d May King's Nannie of Ingleside 33651—Ingleside Farm.
- 4th Clover of Clovernook 35879—J. G. Hickcox.
- 5th May King's Lily of Ingleside 32754—Ingleside Farm.

Cow having Official Record begun at Five Years or Over—

- 1st Glencoe's Bopeep 18602—W. W. Marsh.

Cow having Official Record begun at Two and under Five Years—

- 1st Duenna B 20304—A. W. & F. E. Fox.
- 2d Dairymaid of Pinchurst 24656—W. W. Marsh.

Exhibitor's Herd—

- 1st W. W. Marsh.
- 2d A. W. & F. E. Fox.
- 3d Wm. M. Jones.
- 4th J. G. Hickcox.

Calf Herd—

- 1st T. W. Brophy.
- 2d A. W. & F. E. Fox.
- 3d Wm. M. Jones.
- 4th J. G. Hickcox.

Get of Sire—

- 1st W. W. Marsh.
- 2d A. W. & F. E. Fox.
- 3d T. W. Brophy.
- 4th Wm. M. Jones.

Senior Champion Male: Imp. Hero of the Courtil Blicq 14088—W. W. Marsh.

Junior Champion Male: Benton's Lindo of Ingleside 17271—T. W. Brophy.

Senior Champion Female: Glencoe's Bopeep 18602—W. W. Marsh.

Junior Champion Female: Queen May of Ingleside 2d 28867—T. W. Brophy.

Grand Champion Bull: W. W. Marsh.

Grand Champion Cow: W. W. Marsh.

Produce of Cow—

- 1st Wm. M. Jones.
- 2d Wm. M. Jones.
- 3d J. G. Hickcox.

Young Herd—

- 1st T. W. Brophy.
- 2d Wm. M. Jones.
- 3d J. G. Hickcox.

The sixth National Dairy Show was held at the International Amphitheatre, October 26 to November 4, 1911, 310 entries of Guernseys being made, and they easily led all breeds. The judging was done by J. L. Hope, Madison, N. J., and the awards were as follows:

Bull Three Years or Over—

- 1st Imp. Hero of the Courtil Blicq 14088—W. W. Marsh, Waterloo, Iowa.
- 2d King Bell 13482—W. T. Barbour, Birmingham, Mich.
- 3d Lord Waukesha 10148—Wm. M. Jones, Waukesha, Wis.
- 4th George Washington of Fairfield Farm 10866—Chas. D. Ettinger, Tinley Park, Ill.
- 5th Imp. Holden IV 12179—Wilcox & Stubbs, Des Moines, Iowa.



Glencoe's Bopeep 18602—first prize aged cow, National Dairy Show, 1911.

Bull, Two Years and under Three—

- 1st Imp. Darby 19602—W. S. Dixon, Brandon, Wis.
- 2d Langwater Royal 14253—M. T. Phillips, Pomeroy, Pa.
- 3d Imp. Masher of Sarnia 19167—John H. Williams, Waukesha, Wis.
- 4th Benton's Lindo of Ingleside 17271—T. W. Brophy, Chicago.
- 5th Imp. Lord Mar of the Manor 18403—W. W. Marsh.

Bull, One Year and under Two—

- 1st Bob Rilma 16141—Wilcox & Stubbs.
- 2d Imp. Rouge II's Son 18587—Iowa State College, Ames.
- 3d Foulon's Raymond of Lewison 16145—Wm. H. Gould, Beverly, Mass.
- 4th Imp. Clara's Shamrock of Pine Meadow 17545—Fred A. Busse, Lake Villa, Ill.
- 5th Dora's Yeksa 16898—Wm. M. Jones.

Bull Calf, Six Months and under Twelve—

- 1st Prince II—W. W. Marsh.
- 2d Jessica's Emperor of Pine Meadow 18325—Fred A. Busse.
- 3d Imp. Rochampton Polo II 20247—W. S. Dixon.
- 4th Imp. Ranger of Arcady 18597—Arthur Meeker, Lake Forest, Ill.
- 5th Imp. Billy's Sequel of Briarbank 18057—W. T. Barbour.

Bull Calf under Six Months—

- 1st Violet's Anchor 19861—W. W. Marsh.
- 2d Imp. Lord Darling 18994—M. H. Tichenor, Oconomowoc, Wis.
- 3d Manoa of Iowa 20371—Wilcox & Stubbs.
- 4th Langwater King of the May II—W. T. Barbour.
- 5th Imp. Duke of Midlothian 18902—Chas. D. Ettinger.

Cow, Five Years or Over—

- 1st Glencoe's Bopeep 18602—W. W. Marsh.

- 2d Imp. Newgrove Queen II 27175—W. T. Barbour.
- 3d Imp. Beauty of Claremont III 21431—Wm. H. Gould.
- 4th Jedetta of Pinchurst 17434—W. W. Marsh.
- 5th Tricksey of Waukesha 19016—Wm. M. Jones.
- Cow, Four Years and under Five—
 - 1st Pretor's Golden Lena 22033—Chas. D. Ettinger.
 - 2d Bess of Locust Grove 28886—W. T. Barbour.
 - 3d Imp. England's Muriel 37412—W. S. Dixon.
 - 4th Aline of Lawton II 23153—Wilcox & Stubbs.
 - 5th Amarilla of Maple Glen 22937—Chas. D. Ettinger.



Imp. Newgrove Queen 2d 27175—second prize aged cow, National Dairy Show, 1911.

- Cow, Three Years and under Four—
 - 1st Imp. Red Rose of the Mont Varouf 35461—John H. Williams.
 - 2d Glenwood's Hazel 28612—W. W. Marsh.
 - 3d Imp. Lady Jane of Arcady 33292—Arthur Meeker.
 - 4th Calla Luda 27092—Wilcox & Stubbs.
 - 5th Nell of Ledyard II 37450—Wm. H. Gould.
- Heifer, Two Years and under Three—
 - 1st Yeksa Beauty 26270—M. H. Tichenor.
 - 2d Imp. Fan III of the Garenne 34327—W. W. Marsh.
 - 3d Golden Lizette 27876—Arthur Meeker.
 - 4th Princess Euphemia 27843—Wilcox & Stubbs.
 - 5th Countess Daisy Golden 27369—John H. Williams.
- Heifer not in Milk, Eighteen Months, under Two Years—
 - 1st France's Rose of Fairview 30950—Wilcox & Stubbs.
 - 2d Ruby Belle III 37749—W. W. Marsh.
 - 3d Dawn's Evelyn 31914—Wm. M. Jones.
 - 4th Queen May of Ingleside II 28867—T. W. Brophy.
 - 5th Bessie Beauty 31917—Wm. M. Jones.
- Heifer not in Milk, One Year, under Eighteen Months—
 - 1st Imp. Westmoreland Mina 33613—M. H. Tichenor.
 - 2d Imp. Hauteville Violet 37508—Mrs. Scott Durand, Lake Forest, Ill.
 - 3d Imp. Duchess of Chateau a L'etocq—W. W. Marsh.
 - 4th Daisy Bell of Sarnia 35667—Wilcox & Stubbs.
 - 5th Polly's Beauty 35078—W. W. Marsh.
- Heifer Calf, Six Months, under Twelve—
 - 1st Emerald's Christina 34030—M. H. Tichenor.
 - 2d Park's Princess Rhea 34930—John H. Williams.
 - 3d May King's Elaine of Ingleside 35378—T. W. Brophy.
 - 4th Imp. Fillpail of the Braye 36418—W. S. Dixon.
 - 5th Park's Golden Lassie 34929—John H. Williams.

Heifer Calf under Six Months—

- 1st Imp. Mousette of the Isle 36422—W. S. Dixon.
 - 2d Frances Folsom Quivilette 36583—Arthur Meeker.
 - 3d Normande's Pride 37228—Arthur Meeker.
 - 4th Briarbank's Queen 36760—W. T. Barbour.
 - 5th Betsy Ross of Pine Meadow 36934—Fred A. Busse.
- Senior and Grand Champion Bull: Imp. Hero of the Courtil Blicq 14088—W. W. Marsh.

Junior Champion Bull: Bob Rilma 16141—Wilcox & Stubbs.

Senior and Grand Champion Cow: Glencoe's Bopeep 18602—W. W. Marsh.

Junior Champion Cow: Imp. Mousette of the Isle 36422—W. S. Dixon.

Aged Herd—

- 1st W. W. Marsh.
- 2d W. T. Barbour.
- 3d Arthur Meeker.
- 4th Wilcox & Stubbs.

Young Herd—

- 1st W. W. Marsh.
- 2d Arthur Meeker.
- 3d T. W. Brophy.
- 4th Wm. M. Jones.

Calf Herd—

- 1st W. S. Dixon.
- 2d W. W. Marsh.
- 3d M. H. Tichenor.
- 4th Arthur Meeker.
- 5th T. W. Brophy.

Dairy Herd—

- 1st W. W. Marsh.
- 2d W. T. Barbour.
- 3d Wilcox & Stubbs.
- 4th Arthur Meeker.
- 5th Wm. H. Gould.

Get of Sire—

- 1st Chas. D. Ettinger.
- 2d W. W. Marsh.
- 3d Wilcox & Stubbs.
- 4th John H. Williams.
- 5th Wm. H. Gould.

Produce of Cow—

- 1st Wilcox & Stubbs.
- 2d Wm. H. Gould.
- 3d W. S. Dixon.
- Arthur Meeker.

5th W. T. Barbour.

Aged A. R. Cow with Progeny.

- 1st Wm. H. Gould.
- 2d W. T. Barbour.
- 3d Wm. T. Jones.

Before the beginning of the 1912 show the directors decided to hold the National Dairy Show at the International Amphitheatre at Chicago for the next five years. The quality of the cattle exhibited at the 1912 show was particularly choice and the judging was done by a committee composed of F. S. Peer, Ithaca, N. Y.; J. L. Hope, Madison, N. J.; and Prof. G. C. Humphrey, Madison, Wis. The awards were as follows:

Bull, Three Years or Over

- 1st Imp. Yeoman 8618—F. L. Ames, North Easton, Mass.
- 2d George Washington of Fairfield Farm 10866—Maple Farm, Tinley Park, Ill.
- 3d Langwater Rival 14194—John Henry Hammond, Mt. Kisco, N. Y.
- 4th Imp. King of the May 9001—F. L. Ames.
- 5th Glenwood's Combination V 11354—M. H. Tichenor, Oconomowoc, Wis.
- 6th Kedge Anchor of the Glen 13043—Dr. V. J. Keating, Chicago.
- 7th Nancy Mac's Son of Iowa Dairy 15088—W. W. Marsh, Waterloo, Iowa.

Bull, Two Years and under Three—

- 1st Imp. Rouge II's Son 18587—Iowa State College.
- 2d Rex Mar 19668—W. W. Marsh.
- 3d Irene's Chief of Pomeroy 18317—Samuel Hertel, Van Wert, Ohio.
- 4th Imp. Victory of Sarnia 22001—Charles L. Hill, Rosendale, Wis.
- 5th Imp. Westmoreland 17918—M. H. Tichenor.
- 6th Fermain 16206—Charles L. Hill.

Bull, One Year and under Two—

- 1st Imp. Dellwood Robert's Boy 21666—John Henry Hammond.
- 2d Manoa of Iowa 20371—Wilcox & Stubbs, Des Moines, Iowa.
- 3d Imp. Westmoreland Squire 21665—M. H. Tichenor.
- 4th Imp. Butter Boy of Bailey Falls 22666—Bailey Falls Farm, Oglesby, Ill.
- 5th Victor of Pencoyd 18901—Thorn Hill Farm, Deerfield, Ill.



Imp. Yeoman 8618—first prize aged bull, National Dairy Show, 1912.

Bull Calf, Six Months and under Twelve Months—

- 1st Langwater Advocate 20514—F. L. Ames.
- 2d Bopeep's Mar of Iowa 22134—W. W. Marsh.
- 3d College Star 20678—Iowa State College, Ames.
- 4th Queenie's Prince 21291—Wilcox & Stubbs.
- 5th George Washington of Maple Farm 20363—Maple Farm.

Bull Calf under Six Months—

- 1st Langwater Fisherman 21873—F. L. Ames.
- 2d Pretoria's King of Midlothian 22641—Maple Farm.
- 3d Rival's Buccaneer of Dellwood 22773—John Henry Hammond.
- 4th Westmoreland Wonder 21198—M. H. Tichenor.
- 5th Prince Benton of Oakdale 22787—Dr. Christensen, La Crosse, Wis.
- 6th Cato of Sarnia 22076—Charles L. Hill.

Cow, Five Years and Over—

- 1st Glencoe's Bopeep 18602—W. W. Marsh.
- 2d Imp. Itchen Daisy III 15630—F. L. Ames.
- 3d Florham Pride 20153—F. L. Ames.
- 4th Langwater May Queen 22141—F. L. Ames.
- 5th Jedetta of Pinehurst 17434—W. W. Marsh.
- 6th Imp. La Richette XV 32423—M. H. Tichenor.

Cow, Four Years and under Five—

- 1st Langwater Dairymaid 26377—F. L. Ames.
- 2d Glenwood's Hazel 28612—W. W. Marsh.
- 3d Imp. Langwater Pearl 26605—F. L. Ames.
- 4th Doris Pretoria 24620—Maple Farm.
- 5th Langwater Hayes Rosie 24200—F. L. Ames.
- 6th Glenwood's Primrose 26497—M. H. Tichenor.

Cow, Three Years and under Four—

- 1st Imp. Jessy Rose X 28373—W. W. Marsh.
- 2d France's Masher's Honeymoon's Daughter 27750—Dr. Christensen.
- 3d Langwater Milkmaid 27942—F. L. Ames.
- 4th Princess Euphemia 27843—Wilcox & Stubbs.
- 5th Emerald Jewel 25352—Bailey Falls Farm.
- 6th Litago 31555—Dr. Christensen.

Heifer, Two Years and under Three—

- 1st Langwater Felois II 31569—F. L. Ames.
- 2d Imp. Hayes' Lily du Preel VI 40310—W. W. Marsh.
- 3d Langwater Faith 31568—F. L. Ames.
- 4th Imp. Little One 35807—Dr. Christensen.
- 5th Langwater French Maid 32762—F. L. Ames.
- 6th Mame of Maple Glen 31913—Maple Farm.

Heifer not in Milk, Eighteen Months and under Two Years—

- 1st Langwater Pauline 33566—F. L. Ames.
- 2d Imp. Hilda III of Warren Wood 40634—M. H. Tichenor.
- 3d Imp. Lily of Standen 35574—M. H. Tichenor.
- 4th Imp. Short of the Grandes Capelles 34354—Wilcox & Stubbs.
- 5th Imp. Marie II of La Maison d'Aval 34355—W. W. Marsh.
- 6th President's Star of Lewison 34653—Dr. Christensen.

Heifer not in Milk, One Year and under Eighteen Months—

- 1st Langwater Rosamond 37849—F. L. Ames.
- 2d Langwater Pride 35752—F. L. Ames.
- 3d Langwater Lilac 35750—F. L. Ames.
- 4th Langwater Priscilla 37851—F. L. Ames.
- 5th Imp. Sunrise of Sarnia 40231—Charles L. Hill.
- 6th Gudrun 36103—Dr. Christensen.

Heifer, Six Months and under Twelve Months—

- 1st Langwater Charity 38605—F. L. Ames.
- 2d Langwater Mary 38604—F. L. Ames.
- 3d Fern Leaf of Iowa 40984—W. W. Marsh.
- 4th Imp. Victime of Iowa 43718—W. W. Marsh.
- 5th Brenda of Sarnia 38109—Charles L. Hill.
- 6th Rival's Merry Bell of Dellwood 38154—John Henry Hammond.

Heifer Calf under Six Months—

- 1st Grace of Iowa 40445—W. W. Marsh.
- 2d Westmoreland Mary Anne 38926—M. H. Tichenor.
- 3d Langwater Patricia 39950—F. L. Ames.
- 4th Calla's Rilma 41445—Wilcox & Stubbs.
- 5th Henry's Maid of Bailey Falls 41319—Bailey Falls Farm.
- 6th Langwater Melody 40708—F. L. Ames.

Cow having Official Yearly Record begun at Five Years or Over—

- 1st Jedetta of Pinehurst 17434—W. W. Marsh.
- 2d Glencoe's Bopeep 18602—W. W. Marsh.
- 3d Primrosedale 8606—Charles L. Hill.
- 4th Belle Brandon 2d 16741—Charles L. Hill.
- 5th Imp. Molly of Myrtle Place 2d 21364—Dr. Christensen.

Cow having Official Record begun under the Age of Five Years—

- 1st Langwater Dairymaid 26377—F. L. Ames.
- 2d Imp. Itchen Daisy 3d 15630—F. L. Ames.
- 3d Rose of Langwater 24204—F. L. Ames.
- 4th Imp. Jessy Rose X 28373—W. W. Marsh.
- 5th Langwater Princess 22138—F. L. Ames.
- 6th Imp. Langwater Pearl 26605—F. L. Ames.

Exhibitor's Herd—

- 1st F. L. Ames.
- 2d F. L. Ames.
- 3d W. W. Marsh.
- 4th Maple Farm.
- 5th Wilcox & Stubbs.
- 6th Dr. Christensen.

Breeder's Young Herd—

- 1st F. L. Ames.
- 2d W. W. Marsh.

- 3d F. L. Ames.
 4th John Henry Hammond.
 Breeder's Calf Herd—
 1st F. L. Ames.
 2d W. W. Marsh.
 3d Wilcox & Stubbs.
 4th F. L. Ames.
 5th M. H. Tichenor.
 6th Dr. Christensen.
 7th Charles L. Hill.
 Get of Sire—
 1st F. L. Ames.
 2d Maple Farm.
 3d F. L. Ames.
 4th F. L. Ames.
 5th F. L. Ames.
 Produce of Cow—
 1st F. L. Ames.
 2d F. L. Ames.
 3d F. L. Ames.
 4th W. W. Marsh.
 5th F. L. Ames.
 6th Charles L. Hill.
 Advanced Register Cow and Two of Her Progeny—
 1st F. L. Ames.
 2d F. L. Ames.
 3d W. W. Marsh.
 4th August Zeising.
 Dairy Herd—
 1st F. L. Ames.
 2d W. W. Marsh.
 3d F. L. Ames.
 4th Maple Farm.
 5th Dr. Christensen.
 Senior and Grand Champion Bull: Imp. Yeoman 8618—F. L. Ames.
 Junior Champion Bull: Langwater Advocate 20514—F. L. Ames.
 Senior and Grand Champion Cow: Glencoe's Bopeep 18602—W. W. Marsh.
 Junior Champion Cow: Langwater Charity 38605—F. L. Ames.

Very good shows of Guernseys were made at the International Dairy Show held in Milwaukee in 1911 and 1912. The show was discontinued after 1912.

At the eighth National Dairy Show 213 head of Guernseys were shown. The judging was done by Prof. Geo. C. Humphrey, Madison, Wis., and the awards were as follows:

- Bulls, Three Years old or Over—
 1st Imp. Hayes Cherub II 25147—W. W. Marsh.
 2d Glenwood's Combination V 11354—Westmoreland Farm, Oconomowoc, Wis.
 3d Topsy's Count Yeksa 11759—A. W. & F. E. Fox, Waukesha, Wis.
 4th George Washington of Fairfield Farm 10866—Maple Farm of Midlothian, Tinley Park, Ill.
 5th Garcon de Rouvets 16995—Frank Graham Thompson, Devon, Pa.
 6th King Talladeen of Chestnut Hill 13460—A. W. & F. E. Fox.
 Bull, Two Years and under Three—
 1st Tricksey's George of Sunnyside 18355—A. W. & F. E. Fox.
 2d Gay's May King 19731—Wilcox & Stubbs, Des Moines, Iowa.
 3d Galway's Raymond of Ellendale 19685—Edward A. Walter, Walworth, Wis.
 4th Governor of Keewaydin 19848—Elbert H. Baker, Gates Mill, Ohio.
 5th Florham Monarch 20771—Upland Farms, Ipswich, Mass.
 6th Trislette's King of the May 19613—John H. Williams, Waukesha, Wis.
 Bull, One Year and Under Two—
 1st Lady Chesterbrook's May King of Ingleside 23424—T. W. Brophy, Edison Park, Ill.
 2d Raymond's Billy of the Hougue 21752—A. W. & F. E. Fox.
 3d Violet III's Son of Iowa 24107—W. W. Marsh, Waterloo, Iowa.
 4th Dora's Donald 20645—Wisconda Stock Farm, Acton, Ind.
 5th Pretoria's King of Midlothian 22641—T. W. Brophy.
 6th Bopeep's Mar of Iowa 22134—W. W. Marsh.

Bull Calf, Six Months and under Twelve—

- 1st May King of Grenwode 25331—Edw. A. Walter.
- 2d Ouida's Sequel 24350—A. W. & F. E. Fox.
- 3d Roxie's Glenwood of Brodhead 25288—Westmoreland Farm.
- 4th Victor Van of the Maples 24117—W. W. Marsh.
- 5th Glenwood's Volunteer 24228—A. W. & F. E. Fox.
- 6th Farmer's Boy of Lakeland 24447—Consumers' Co., Chicago.

Bull Calf, under Six Months—

- 1st Park's Isabella's King 25647—John H. Williams.
- 2d Gratify's Standard 25521—A. W. & F. E. Fox.
- 3d Jewel's Glenwood of Walter Maple 27990—Edw. Walter.
- 4th Godolphin Count—Upland Farms.
- 5th Holden's Monogram 26459—Wilcox & Stubbs.
- 6th Westmoreland Village Boy 24357—Westmoreland Farm.

Cow, Five Years or Over—

- 1st Essie Jeweller 14265—A. W. & F. E. Fox.
- 2d Jedetta of Pinehurst 17434—W. W. Marsh.
- 3d Glenwood's Hazel 28612—W. W. Marsh.
- 4th Thelma Glenwood 18829—Maple Farm of Midlothian.
- 5th Imp. Lily de Bas III 23563—Edward A. Walter.
- 6th Selma of Pinehurst II 19626—A. W. & F. E. Fox.

Cow, Four Years and under Five—

- 1st Imp. Jessy Rose X 28373—W. W. Marsh.
- 2d Imp. Snowdrop of Bickleigh 44569—Upland Farm.
- 3d Park's Golden Spot 26810—John H. Williams.
- 4th Imp. Beatrice des Belles 28260—Elbert H. Baker.
- 5th Imp. Maid of Richmond 33805—A. W. & F. E. Fox.
- 6th Village Lassie 28971—Wilcox & Stubbs.

Cow, Three Years and under Four—

- 1st Imp. Blanche II of les Quartiers 32086—Westmoreland Farms.
- 2d Glenwood's Fantine 32974—Wisconda Stock Farm.
- 3d Imp. Itchen Pine Blossom 40312—W. W. Marsh.



Jeany Rose 10th 28373—first prize, National Dairy Show, 1912-13; 646.03 pounds fat at three years old.

- 4th Pleasure of Waukesha 28315—A. W. & F. E. Fox.
 5th Imp. Elfordleigh Baroness II 35568—Consumers Co.
- Heifer, Two Years and under Three—**
 1st School Girl of Waukesha 35369—A. W. & F. E. Fox.
 2d Imp. Hayes Golden Cherry IX 44966—W. W. Marsh.
 3d Imp. Clara XIII of le Tertre 44261—Upland Farm.
 4th Imp. Golden Wish 35248—Elbert H. Baker.
 5th Florham Minuet 37946—Upland Farm.
 6th Park's Princess Rhea 34930—John H. Williams.
- Heifer, not in Milk, Eighteen Months and under Two Years—**
 1st Dairymaid of Waukesha 38053—A. W. & F. E. Fox.
 2d Park's Isabelle II 38814—John H. Williams.
 3d Noble's Belle of Ellendale 40831—Edw. A. Walter.
 4th Imp. Donnington Gladys III 45944—Upland Farm.
 5th May King's Jessie of Ingleside 38996—T. W. Brophy.
 6th France's Rilmia of Iowa 40790—Wilcox & Stubbs.
- Heifer, not in Milk, One Year and under Eighteen Months—**
 1st Glenwood Sundari 39600—A. W. & F. E. Fox.
 2d Grace of Iowa 40445—W. W. Marsh.
 3d Fleurie Mar 43156—W. W. Marsh.
 4th Aurora Primrose of Brookmead 40002—Frank Graham Thomson, Devon, Pa.
 5th Floe of Lakeland 41630—Consumers Co.
 6th May King's Princess of Ingleside 42434—T. W. Brophy.
- Heifer Calf, Six Months and under Twelve—**
 1st Lilly La Pine 43842—W. W. Marsh.
 2d Glencoe's Bopeep II 43160—W. W. Marsh.
 3d Pleasure's Promise 43528—A. W. & F. E. Fox.
 4th Imp. Hayes Express VIII 44982—W. W. Marsh.
 5th Bridget's Loretta 43530—A. W. & F. E. Fox.
 6th Eva of Bon Ayre 44704—Edw. A. Walter.
- Heifer Calf under Six Months—**
 1st Village Lassie III 46694—Wilcox & Stubbs.
 2d Sundari's Dairymaid 45635—A. W. & F. E. Fox.
 3d Imp. Sans-Souci of Iowa 45924—W. W. Marsh.
 4th Selma's Dairy Girl 45469—A. W. & F. E. Fox.
 5th Imp. Dairymaid's Flora of Iowa 44987—W. W. Marsh.
 6th Village Highland Girl 46457—Westmoreland Farm.
- Cow having Official Yearly Record begun at Five Years or Over—**
 1st Jedetta of Pinehurst 17434—W. W. Marsh.
 2d Thelma Glenwood 18829—Maple Farm of Midlothian.
 3d Selma of Pinehurst II 19626—A. W. & F. E. Fox.
 4th Fernleaf of the Glen 21661—W. W. Marsh.
- Cow having Official Yearly Record begun under the Age of Five Years—**
 1st Imp. Jessy Rose X 28373—W. W. Marsh.
 2d Jedetta of Pinehurst 17434—W. W. Marsh.
 3d Selma of Pinehurst 2d 19626—A. W. & F. E. Fox.
 4th Imp. Beatrice des Belles 28260—Elbert H. Baker.
 5th Rhea's Park Dawn 34761—John H. Williams.
 6th Imp. Beauty 2d of Maresquet 28233—Elbert H. Baker.
- Exhibitor's Herd—**
 1st W. W. Marsh.
 2d A. W. & F. E. Fox.
 3d Westmoreland Farm.
 4th Charles D. Ettinger.
 5th Edward A. Walter.
 6th Upland Farms.
- Breeder's Young Herd—**
 1st A. W. & F. E. Fox.
 2d W. W. Marsh.
 3d T. W. Brophy.
 4th John H. Williams.
 5th Frank Graham Thomson.
- Calf Herd—**
 1st W. W. Marsh.
 2d A. W. & F. E. Fox.
- Get of Sire—**
 1st W. W. Marsh.
 2d A. W. & F. E. Fox.
 3d A. W. & F. E. Fox.
 4th John H. Williams.
 5th T. W. Brophy.
 6th Frank Graham Thomson.

Produce of Cow—

- 1st John H. Williams.
- 2d A. W. & F. E. Fox.
- 3d W. W. Marsh.
- 4th Wilcox & Stubbs.
- 5th A. W. & F. E. Fox.
- 6th Edward A. Walter.

Advanced Register Cow and Two of Her Progeny—

- 1st John H. Williams.
- 2d A. W. & F. E. Fox.
- 3d John H. Williams.

Dairy Herd—

- 1st W. W. Marsh.
- 2d A. W. & F. E. Fox.
- 3d John H. Williams.
- 4th Elbert H. Baker.

Senior and Grand Champion Bull: Hayes Cherub II 25147—W. W. Marsh.

Junior Champion Bull: Lady Chesterbrook's May King of Ingleside 23424—Dr. T. W. Brophy.

Senior and Grand Champion Cow: Imp. Jessy Rose X 28373—W. W. Marsh.

Junior Champion Cow: Glenwood Sundari 39600—A. W. & F. E. Fox.

The exhibit of Guernseys at the 1914 Dairy Show was better than ever before, and cattle representing 15 herds, from eight different states, were shown.

The outbreak of foot and mouth disease that caused the quarantining of the cattle in the show barns was most unfortunate, but admirers of the breed should be grateful that the cattle there were practically all saved. A few animals were lost, from various causes, the most notable being Jessy Rose 10th.

The awards at this show were made by Will Forbes, assistant in Dairy Division, Department of Agriculture, Washington, D. C., and were as follows:

Bulls, Three Years Old or Over—

- 1st Imp. Hayes Cherub II 25147—W. W. Marsh, Waterloo, Iowa.
- 2d Rex Mar 19668—University of Minnesota, St. Paul, Minn.
- 3d Wallbridge's Glenwood Boy 13823—The Village Farm, Grass Lake, Mich.
- 4th Pilot of the Glen 18006—Frank Reed Sanders, Mesa, Ariz.
- 5th George Washington of Fairfield Farm 10866—Maple Farm of Midlothian, Tinley Park, Ill.
- 6th Imp. Yeoman 8618—F. Lothrop Ames, North Easton, Mass.

Bulls Two Years and under Three—

- 1st Langwater Advocate 20514—F. Lothrop Ames.
- 2d Model's Jolly Lad 20552—Henry W. Howe, Bedford Hills, N. Y.
- 3d Raymond's Billy of the Hogue 21752—A. W. & F. E. Fox, Waukesha, Wis.
- 4th Imp. Roehampton Croesus III 29894—W. W. Marsh.
- 5th Don Carlos of Maple Lane 23193—O. W. Lehmann, Lake Villa, Ill.
- 6th Billy France of the West 19769—A. W. & F. E. Fox.

Bulls One Year and under Two—

- 1st Roxie's Glenwood of Brodhead 25288—M. H. Tichenor, Oconomowoc, Wis.
- 2d Langwater Fashion 23660—F. Lothrop Ames.
- 3d Gratify's Standard 25521—A. W. & F. E. Fox.
- 4th Arlotta's May King of Walter Maple 28274—Edward A. Walter, Walworth, Wis.
- 5th Colonel Waukesha 42430—A. W. & F. E. Fox.
- 6th Glenwood's Volunteer 24228—A. W. & F. E. Fox.

Bull Calf, Six Months and under Twelve—

- 1st Imp. Cherry's Memento of Iowa 27562—W. W. Marsh.
- 2d Dombey of Sarnia 28121—Charles L. Hill, Rosendale, Wis.
- 3d Langwater Model 28061—F. Lothrop Ames.



Langwater Advocate 20514—first prize, National Dairy Show, 1914.

- 4th Elmer of Sarnia 28125—Charles L. Hill.
- 5th Langwater Saracen 28060—F. Lothrop Ames.
- 6th Langwater Crusader 28059—F. Lothrop Ames.

Bull Calf under Six Months —

- 1st Langwater High Flyer 30365—F. Lothrop Ames.
- 2d Ladysmith's Cherub 30760—W. W. Marsh.
- 3d Westmoreland Glenwood Strong 30575—M. H. Tichenor.
- 4th Lady Robert's Souvenir 28945—W. W. Marsh.
- 5th Rex of Midlothian 30295—Maple Farm of Midlothian.
- 6th Royal of Bailey Falls 30433—Bailey Falls Farm, Oglesby, Ill.

Cows Five Years Old or Over—

- 1st Imp. Deanie XVI 52344—W. W. Marsh.
- 2d Imp. Red Rose of the Mount Varouf 35461—Maple Farm of Midlothian.
- 3d Imp. Lady Jebbe I 52343—W. W. Marsh.
- 4th Lily Belle of Canterbury VI 26464—O. W. Lehmann.
- 5th Langwater May Queen 22141—F. Lothrop Ames.
- 6th Imp. Jessy Rose X 28373—W. W. Marsh.

Cows Four Years Old and under Five—

- 1st Imp. Lucky of Sarnia 35621—Charles L. Hill.
- 2d Imp. Diana of Calais V 52348—W. W. Marsh.
- 3d Imp. Daisy Maid 40714—M. H. Tichenor.
- 4th Billy's France's Honeymoon of Lewison 32491—O. W. Lehmann.
- 5th Patience of the Glen 32583—Frank Reed Sanders.
- 6th Imp. Princess of the Ruettes 34346—Wm. Butterworth, Moline, Ill.

Cow Three Years Old and under Four—

- 1st Langwater Pauline 33566—F. Lothrop Ames.
- 2d Langwater Pride 35752—F. Lothrop Ames.
- 3d Langwater Rosamond 37849—F. Lothrop Ames.
- 4th Imp. La Belle Manna 35704—Bailey Falls Farm.
- 5th Imp. Vespasia 34579—M. H. Tichenor.
- 6th Imp. Rocque Belle II 43629—W. W. Marsh.

Heifers, Two Years old and under Three—

- 1st Langwater Charity 38605—F. Lothrop Ames.
- 2d Alice of Bailey Falls 41317—Bailey Falls Farm.
- 3d Langwater Desire 40709—F. Lothrop Ames.
- 4th Langwater Mary 38604—F. Lothrop Ames.
- 5th Raymond's Cora of Hawthorn 41101—A. W. & F. E. Fox.
- 6th Imp. Bee Bee of Sarnia 50487—Charles L. Hill.



Imp. Deanie 16th 52344—Grand Champion, National Dairy Show, 1914.

Heifers Eighteen Months and under Two Years (not in milk)—

- 1st Lily La Pine 43842—W. W. Marsh.
- 2d Pleasure's Promise 43528—A. W. & F. E. Fox.
- 3d Modele's Milkyway 43285—Frank Reed Sanders.
- 4th Village Tribby 43467—The Village Farm.
- 5th Glencoe's Hayes Rosie of Bailey Falls 46601—Bailey Falls Farm.
- 6th Imp. Village Daisy Maid 43468—M. H. Tichenor.

Heifers, One Year and under Eighteen Months (not in milk)—

- 1st Rochampton Deanie II 52359—W. W. Marsh.
- 2d Langwater Empress 47041—F. Lothrop Ames.
- 3d Imp. Hayes Felois XI 53141—W. W. Marsh.
- 4th Sundari's Dairymaid 45635—A. W. & F. E. Fox.
- 5th Langwater Damsel 47046—F. Lothrop Ames.
- 6th Pleasure's Queen 48910—A. W. & F. E. Fox.

Heifer Calf, Six Months and under Twelve—

- 1st Hayes Snowdrop VII 53142—W. W. Marsh.
- 2d Langwater Luxury 49484—F. Lothrop Ames.
- 3d Bopeep's Queen 52908—W. W. Marsh.
- 4th Langwater Actress 49481—F. Lothrop Ames.
- 5th Langwater Lady Fair 49697—F. Lothrop Ames.
- 6th Ingleside Jessie Pretoria 51118—Dr. T. W. Brophy, Edison Park, Ill.

Heifer Calf under Six Months—

- 1st Imp. Rochampton Fanny III 52360—W. W. Marsh.
- 2d September Morn of Iowa 50830—W. W. Marsh.
- 3d Fleurie Glenwood of Village Farm—The Village Farm.
- 4th Frances Mead of Waukesha 51831—A. W. & F. E. Fox.
- 5th Ingleside Lady Chesterbrook 53823—Dr. T. W. Brophy.
- 6th Unnamed—F. Lothrop Ames.

Cow Having Official Yearly Record Begun at Five Years old or Over—

- 1st Jedetta of Pinehurst 17434—W. W. Marsh.
- 2d Pretor's Jessie 22032—Maple Farm of Midlothian.
- 3d Selma of Pinehurst II 19626—A. W. & F. E. Fox.

Cow Having Official Yearly Record begun under the Age of Five Years—

- 1st Langwater May Queen 22141—F. Lothrop Ames.
- 2d Imp. Jessy Rose X 28373—W. W. Marsh.
- 3d Imp. Beauty of the Adams 26945—Bailey Falls Farm.

- 4th Selma of Pinehurst II 19626—A. W. & F. E. Fox.
 5th Imp. Princess of the Ruettes 34346—William Butterworth.
 6th Play Girl of Haddon 27379—A. W. & F. E. Fox.
- Exhibitor's Herd—
 1st W. W. Marsh.
 2d F. Lothrop Ames.
 3d Maple Farm of Midlothian.
 4th Charles L. Hill.
 5th A. W. & F. E. Fox.
 6th Frank Reed Sanders.



Langwater Charity 38605—first prize two-year-old heifer, National Dairy Show, 1914.

- Breeder's Young Herd—
 1st F. Lothrop Ames.
 2d W. W. Marsh.
 3d A. W. & F. E. Fox.
 4th A. W. & F. E. Fox.
 5th Charles L. Hill.
- Calf Herd—
 1st F. Lothrop Ames.
 2d M. H. Tichenor.
 3d William Butterworth.
 4th Dr. T. W. Brophy.
 5th A. W. & F. E. Fox.
 6th O. W. Lehmann.
- Get of Sire—
 1st F. Lothrop Ames.
 2d W. W. Marsh.
 3d Charles L. Hill.
 4th F. Lothrop Ames.
 5th W. W. Marsh.
 6th A. W. & F. E. Fox.
- Produce of One Cow—
 1st W. W. Marsh.
 2d F. Lothrop Ames.
 3d Frank Reed Sanders.

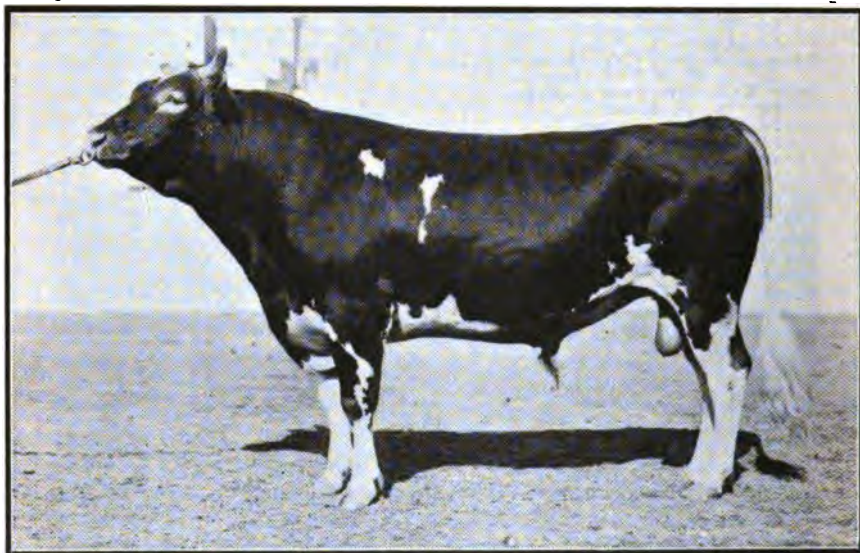
- 4th F. Lothrop Ames.
 5th F. Lothrop Ames.
 6th Charles L. Hill.
 Advanced Register Cow, shown with Two of Her Progeny—
 1st A. W. & F. E. Fox.
 Dairy Herd, Five Cows in Milk—
 1st W. W. Marsh.
 2d F. Lothrop Ames.
 3d Bailey Falls Farm.
 4th Maple Farm of Midlothian.
 5th O. W. Lehmann.
 Senior and Grand Champion Bull: Imp. Hayes Cherub II 25147—W. W. Marsh.
 Junior Champion Bull: Cherry's Memento of Iowa 27562—W. W. Marsh.
 Senior and Grand Champion Female: Imp. Deanie XVI 52344—W. W. Marsh.
 Junior Champion Female: Imp. Hayes Snowdrop VII 53142—W. W. Marsh.
 Premier Breeder: F. L. Ames.
 Premier Exhibitor: W. W. Marsh.
 W. W. Marsh Trophy for Champion Cow of Breed: Deanie XVI 42344—W. W. Marsh.
 Maple Farm Trophy, for Best Two-year-old Heifer bred by Exhibitor: Langwater Charity 28605—F. Lothrop Ames.
 Briarbank Farm Trophy, for Get of Sire: Get of Imp. King of the May 9001—F. Lothrop Ames.

With shows of the size and character of the National Dairy Show it is difficult to secure men who are competent to judge and who will consent to do the work, and some dissatisfaction is bound to arise. The Guernsey breeders have been very patient, loyal and united with the one purpose of showing the Guernsey to the public in the most winning manner possible, whenever opportunity has been presented. The day has gone by when men will attempt to judge as to capacity for dairy production between cows in the show ring. Shows are looked upon as splendid opportunities to acquaint new people with the breed, and as a means of securing more uniformity of type in the breed.

The exhibit of Guernseys at the Panama-Pacific Exposition at San Francisco was of a very high order of excellence, but would doubtless have been much better if quarantine regulations had not shut out all cattle from east of the Rocky Mountains. The number of Guernseys entered for the show was greater than the entries for any other breed of cattle.

The judging was done by Charles L. Hill, of Rosendale, Wis., and the awards were as follows:

- Bull Three Years Old or Over—
 1st Imp. Itchen May King 25174—Edgemoor Farm, Santee, Cal.
 2d Sam Simpson 22809—D. H. Looney, Jefferson, Ore.
 3d May King of Fern Ridge 17432—C. W. Main, Corona, Cal.
 4th King of Medfield 15434—Albion L. Gile, Chinook, Wash.
 5th Don Adonis of Linda Vista 20616—A. B. Humphrey, Mayhews, Cal.
 Bull, Two Years Old and under Three—
 1st Yeoman's King 25770—L. H. Albertson, Santa Clara, Cal.
 2d President's Mysie 24141—L. D. Smith, Berkeley, Cal.
 Bull, One Year and under Two—
 1st Fernain's Iowa Boy of the Oaks 26643—D. H. Looney.
 2d Auricle's Cherub of Edgemoor 34360—Edgemoor Farm.
 3d Mayhew's Truetype 29616—A. B. Humphrey.
 4th Donaldo of Mayhew's 27301—A. B. Humphrey.



Imp. Itchen May King 25174—first prize aged bull, Panama-Pacific Exposition, 1915.

Bull Six Months and under Twelve—

- 1st Imp. Ricardo of Edgemoor 34367—Edgemoor Farm.
- 2d Chiconia Bill Rose 32913—Albion L. Gile.
- 3d Carranza of Jefferson 32775—D. H. Looney.
- 4th Pure Gold of Edgemoor 34362—Edgemoor Farm.
- 5th California Questa Duke 32194—University of California, Davis, Cal.

Bull under Six Months—

- 1st Bullion of Edgemoor 34510—Edgemoor Farm.
- 2d Chiconia Brevet 33749—Albion L. Gile.
- 3d Volunteer of Edgemoor 34509—Edgemoor Farm.
- 4th Unnamed—Albion L. Gile.
- 5th Captain Sam 34643—D. H. Looney.

Cow Five Years Old or Over—

- 1st Imp. Itchen Wood Sorrel 45007—Edgemoor Farm.
- 2d Imp. Itchen Moss Rose 40308—Edgemoor Farm.
- 3d Imp. Raymond's Queen of School Lane Farm 35814—Wm. H. Saylor, San Francisco, Cal.
- 4th Imp. Julia's Maid IV of Beaulieu 35819—Wm. H. Saylor.
- 5th Lady Chilmark II 21330—Albion L. Gile.

Cow Four Years Old and under Five—

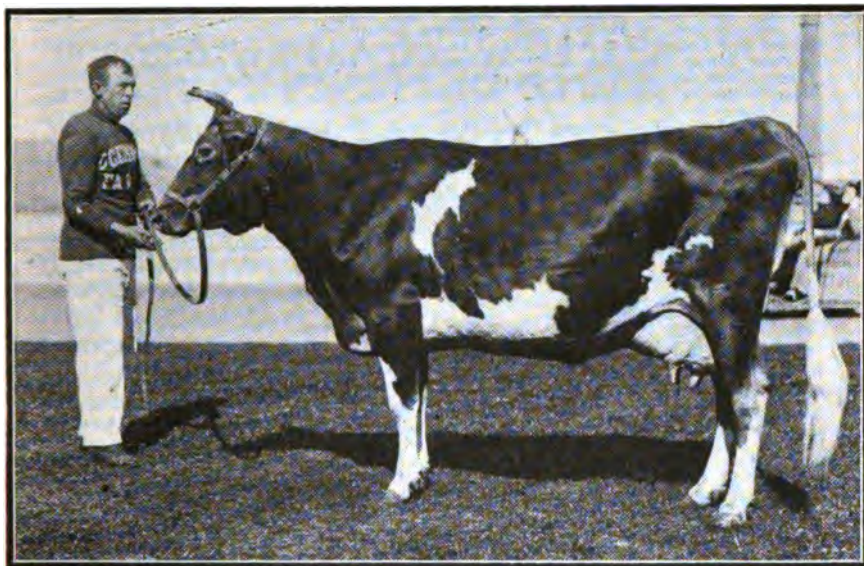
- 1st Imp. Mildred II of Les Godaines 55120—Edgemoor Farm.
- 2d Ysobel Prince 37421—D. H. Looney.
- 3d Berkshire Lassie 35973—A. B. Humphrey.
- 4th May Rose of Haddon 36914—Albion L. Gile.
- 5th Golden Maid of Maple Lane 35736—A. B. Humphrey.

Cow Three Years Old and under Four—

- 1st Florham Dame 38912—Edgemoor Farm.
- 2d Fairy of Alfalfa Farms 40105—A. B. Humphrey.
- 3d Lucilla of Chiconia 37349—Albion L. Gile.
- 4th Merry Dance of Riverside Farm 39200—Edgemoor Farm.
- 5th Kalista 42550—D. H. Looney.

Heifer Two Years Old and under Three—

- 1st Marguerite of Pinehurst II 45828—Edgemoor Farm.
- 2d Imp. Donnington Goldie V 59866—Edgemoor Farm.
- 3d Honey Bunch 49500—D. H. Looney.



Imp. Itchen Wood Sorrel 45007—first prize aged cow, Panama-Pacific Exposition, 1915.

- 4th Walburga 43732—A. B. Humphrey.
- 5th Algoma of Chicona 49285—Albion L. Gile.
- Heifer, not in milk, Eighteen Months and under Two Years—
- 1st Imp. Hayes Princess Mary 59878—Edgemoor Farm.
- 2d Henrietta of Mayhews 48360—A. B. Humphrey.
- 3d Imp. Fancy of the Clos Vivier II 60636—Edgemoor Farm.
- 4th Saylor's Pansy Sequel 50228—Wm. H. Saylor.
- 5th Belsie B. 49498—D. H. Looney.
- Heifer, not in milk, One Year and under Eighteen Months—
- 1st Polly of Chicona 52009—Albion L. Gile.
- 2d Evelyn of Edgemoor 52578—Edgemoor Farm.
- 3d Violet's Corona Lass 53594—Mrs. Annie S. Lathrop, Stanford University.
- 4th Rosamond of Chicona 55499—Albion L. Gile.
- 5th Caprice of Edgemoor 52579—Edgemoor Farm.
- Heifer Calf, Six Months Old and under Twelve—
- 1st Veda of Chicona 56306—Albion L. Gile.
- 2d Joseph's Pride of Chicona 58023—Albion L. Gile.
- 3d Sweetheart of Edgemoor 58902—Edgemoor Farm.
- 4th Saylor's Masher's Ruby 56085—Wm. H. Saylor.
- 5th Bohemian Girl of Edgemoor 58897—Edgemoor Farm.
- Heifer Calf under Six Months—
- 1st Dainty Lily 57533—D. H. Looney.
- 2d Imp. Petite of Edgemoor 59117—Edgemoor Farm.
- 3d Gaiety of Chicona 59793—Albion L. Gile.
- 4th Rena of Chicona 58024—Albion L. Gile.
- 5th Mayhew's Sally 58586—A. B. Humphrey.
- Cow Having Official Record begun at Five Years or Over—
- 1st Imp. Itchen Moss Rose 40308—Edgemoor Farm.
- 2d Lady Chilmark II 21330—Albion L. Gile.
- 3d Hazel's Girl of Chicona 23987—Albion L. Gile.
- Cow Having Official Record begun under Five Years—
- 1st Imp. Itchen Wood Sorrel 45007—Edgemoor Farm.
- 2d Florham Dame 38912—Edgemoor Farm.

- 3d Lucilla of Chicon 37349—Albion L. Gile.
 4th Algoma of Haddon 36686—Albion L. Gile.
 Senior and Grand Champion Bull: Imp. Itchen May King 25174—Edgemoor Farm.
 Reserve Senior Champion Bull: Yeoman's King 25770—L. H. Albertson.
 Junior Champion Bull: Imp. Ricardo of Edgemoor 34367—Edgemoor Farm.
 Reserve Junior Champion Bull: Fermain's Iowa Boy of the Oaks 26643—D. H. Looney.
 Senior and Grand Champion Female: Imp. Itchen Wood Sorrel 45007—Edgemoor Farm.
 Reserve Senior Champion Female: Marguerite of Pinehurst II 45828—Edgemoor Farm.
 Junior Champion Female: Veda of Chicon 56306—Albion L. Gile.
 Reserve Junior Champion Female: Polly of Chicon 52009—Albion L. Gile.
 Graded Herd—
 1st Edgemoor Farm.
 2d Albion L. Gile.
 3d D. H. Looney.
 4th Wm. H. Saylor.
 5th A. B. Humphrey.
 Breeder's Young Herd—
 1st Albion L. Gile.
 2d D. H. Looney.
 3d Wm. H. Saylor.
 4th Mrs. Annie S. Lathrop.
 Calf Herd—
 1st Albion L. Gile.
 2d Edgemoor Farm.
 3d D. H. Looney.
 Produce of Dam—
 1st Edgemoor Farm.
 2d D. H. Looney.
 3d Wm. H. Saylor.
 4th Albion L. Gile.
 5th University of California.
 Get of One Sire—
 1st Albion L. Gile.
 2d D. H. Looney.
 3d Wm. H. Saylor.
 4th D. H. Looney.
 5th Albion L. Gile.
 Advanced Register Cow and Two of Her Progeny—
 1st Edgemoor Farm.
 2d Albion L. Gile.
 3d Albion L. Gile.
 Dairy Herd—
 1st Edgemoor Farm.
 2d D. H. Looney.
 3d Wm. H. Saylor.
 4th A. B. Humphrey.
 5th Albion L. Gile.
 Premier Breeder: D. H. Looney.
 Premier Exhibitor: Edgemoor Farm

CHAPTER IX.

The Color of Guernsey Milk

One of the points of superiority of the Guernsey cow that first attracted the American dairyman to her was the very yellow color of her milk and butter. Practically every early mention of her, whether on the Island or in this country, calls attention to this trait of the breed. Many of these references have been quoted in Chapter II. But there is no reference whatever as to why or how this characteristic became fixed. It must have been the result of generations of painstaking breeding on the part of all the early breeders of the Island, but nothing is left to show who first conceived the idea or how concerted action with this thought in view was obtained. I doubt if there is a characteristic of any other breed of livestock so pronounced as this, of which so little is known of its history that might be of great value in the study of the subject of breeding. We must content ourselves with the knowledge that the Guernsey possesses this characteristic and that it is a very much more valuable quality than even the breeders of Guernseys appreciate.

In the present day striving for large Advanced Register records and for individual beauty as well, color of product is too often lost sight of; and if any word of advice to breeders of today is worthy of consideration, it is urging them to carefully conserve and promote this distinctive characteristic of the Guernsey cow.

While the artificial coloring of butter is lawful in all of the states of the union and almost universally practiced, the artificial coloring of milk and cream for market purposes is forbidden by law in nearly all, if not all, of the states.

Whenever a breeder of Guernseys, whether purebred or grade, starts a milk business in any city and sells milk in competition with that of other breeds, if he furnishes a good clean article, he has at once a demand greater than his supply and at a price 3 to 5c or even more per quart above that secured by his competitors for milk produced with the same care. Instances without number can be given of towns where milk had never sold above 5 or 6c per quart, but where Guernsey milk placed on the market at 10c per quart sold more readily than the other at lower prices.

The large dairy companies of the great cities are now scouring the country for Guernsey milk and more especially

for Guernsey cream to supply to their customers for table use. Many of the great city hotels now have for table use Guernsey milk and cream either from farms of their own or purchased from the producer.

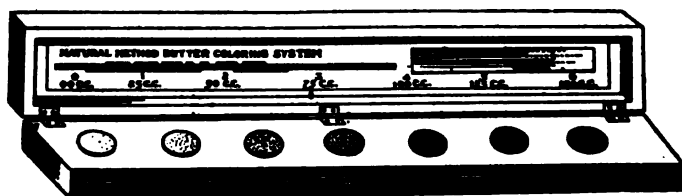
A corporation owning three of the largest hotels in Boston has a farm in New Hampshire where milk and cream and butter are produced for their hotels; and in a booklet describing the farm and its products, they say that the Guernsey milk and cream are reserved for table use on account of their color, while the product of the other breeds is made into butter, since artificial color may be used to bring the color up to the required standard.

The best opportunity ever afforded to study the question of the color of the milk and butter of different breeds was that offered by the "model dairy" at the Pan-American Exposition in Buffalo in 1901. A record of this work is given in this book in the chapter on "Guernseys in Public Tests."

C. L. Fitch, now of Greeley, Colo., carried out some very interesting experiments while superintendent of the Hoard creameries at Fort Atkinson, Wis., to determine the amount of color the cow puts into the butter. It is best to let him explain it in his own words:

"The cows and the sunshine and the feed put some coloring matter into the butter, and buttermakers add enough to bring up the total to the most desirable shade of butter in June.

"Now, by a simple method it is possible, without separate churnings of uncolored butter, to tell what amount of color in terms of the artificial color the cows are supplying. Knowing this amount, the differences can easily be added to any churning to produce any desired shade or various shades desired, or uniform color can be obtained from the differing natural colored cream. This is what Major Alvord called 'the solution of the butter coloring question.' The natural method is demonstrated by the writer.



Natural method butter coloring system.

"The apparatus is a hardwood case, having seven half ounces in tin boxes set into holes in the lower half, with a hollow cover carrying a label with directions, and the amount of color in each shade sample per 100 pounds. The shades run from pure white in No. 00

to the limit of color depth in No. 6, a deep orange, containing 150 cc. (cubic centimeters) of Wells & Richardson's Improved to 100 pounds of pure white base. This gives us six shades with a common difference of 25 cc. of color per 100 pounds per shade. The inside of the standard case should be enameled white. The samples show better against a white background. Lead paint turns yellow. Zinc white enamel does not. Take a trier sample of yesterday's butter, and pick off a bit on a knife and run along the shades and find its place.

"Suppose it to be winter and it is exactly No. 4, and that 50 cc. of Wells & Richardson's Improved were used. No. 4 contains 100 cc. of color per 100 pounds of white. If 50 cc. were used the cows must have supplied the rest or 50 cc. per hundredweight; or the natural color would be found by actual trial to be No. 2. So no shade lower than No. 2 can be made. There is no practical way to bleach butter. It can be done chemically, by long washing in separators, or by storage, neither of which is practical. No order can be filled for a lower color than the cream or process stock contains.

"But to return. We had No. 2 natural shade, 50 cc. value. To get No. 3 we would add 25 cc. per hundred pounds of butter. An addition of 75 cc. would give us No. 5, etc. This is the whole plan of use.

"To obtain uniform color in varying factories of a line of creameries figure similarly, and this is the largest usefulness for this method. For several years I have seen butter from seven plants come in daily as like in color by this method as if one churning. Where No. 4 butter is the shade wanted, factory A, where the natural color was running No. 2 or 50 cc., would color at the rate of 50 cc. per hundredweight; and factory B, where feed and breed were different and the natural color was above No. 3, say 85 cc., would use but 15 cc. per hundredweight to have its butter match the standard shade for the line. No really up-to-date maker will color per thousand of milk or gallons of cream, or salt either; the proper basis is always the pounds of butter estimated to be in hand. And cubic centimeter graduates and calculations are far better than ounces and fractions. One ounce equals a little less than 30 cc.

"To prepare the standard shades, put away in the absolute darkness of a box in a cold storage room that doesn't freeze, or a cellar, several sealed bottles of Wells & Richardson's Improved color.

"These bottles will provide standards for years. Next get a box of droppers from your druggist and find one that will drop exactly 50 drops of the color at 60 degrees F. to each cubic centimeter. Each drop of this size equals in 40 grams of material, 25 cc. in 100 pounds of butter. (No. 1 will be one drop; No. 2, two drops, etc., to each 40 grams.) Use pure white mutton stock for the base, and work in a hot room, and have the stock soft, so that it can be worked up with a spatula or thin case knife on a smooth or waxed board. In a line of creameries, two sets of cases can be provided, or a set of cans may be used and the standard boxes refilled at each plant. The shades must be renewed monthly or oftener, and should be kept in a clean, dry place of moderate temperature. Do not smooth the surface of the color boxes; leave as cut off with the edge of the knife.

"Mutton stock is made by all large packers, and is largely exported to Holland, where it is used in oleo factories. The packers will make up 200 pounds at a time for about 7c a pound and freight,

and we once had such a lot made. This is unnecessary, however, if one can get in touch with the foreman of a packer's oleo oil plant. He will usually have part barrels on hand, and will be glad to get his office to sell you a few pounds. If unable to obtain pure white, use lard in making up a sample or two, and then make an estimate of the color of the stock and reckon accordingly. It will be useless to try any other substance for the standard medium. I believe I have tried butter and rejected it as too soft and apt to melt and so spoil the shades. I have tried white vaseline, lard and lanoline and rejected them as too soft and liable to incorporate so much air in mixing as to make the shade inaccurate. I have used tallows of various kinds and mixtures and beeswax, and rejected them as too hard and too shiny. Paraffin, stearine, ozokerite and other waxes are too translucent or too variable in the way they crystallize, varying thus in white lines and so in color. No printer will promise inks to be permanent enough to pay. Glass prisms such as doctors use in a beautiful little instrument to measure the redness of blood are not within reach, nor made in orange.

"Ten cc. per hundredweight of butter is as small a variation as most eyes can detect (one-third ounce of color), so it is no use to vary one way or the other, in making a change, less than 10 cc. per hundredweight.

"Salt influences color to the extent of a whole shade or more. Time is a factor in this matter with salted butter. Generally, between butter 24 hours old and fresh salted butter, a half shade will cover the difference. It is well not to use butter the day of churning for color determination. Working against a dry or poorly soaked churn or worker, overworking, or churning very warm, affects the color of butter greatly by incorporating large amounts of air, or sometimes of buttermilk, and should not be done, as it is in every way harmful.

"The natural method color measurements made possible some interesting studies along this line, which may be added. In the middle west, the native or Durham mixed cows run up in June to about the same color as did the thoroughbred Jerseys at Burchard farm. Shade three or three and one-half, 75 to 85 cc. per hundredweight of white. The same cows in winter go lower than do the Jerseys. Guernsey cows' butter runs as high naturally as No. 6, and is often too highly colored to be accepted by the buyer as without artificial color. Guernsey butter color is of a different quality also, it is old gold rather than orange, with suggestions of lemon and orange. No breed can compete with them in rich colored cream and milk. This difference continues throughout the year, as natural color gradually declines during the fall and winter; those cows that gave the highest color in summer keep their lead all the year. The color gets to its lowest point before another pasture season.

"Sunshine, ensilage, light and alfalfa hay do much to maintain color in milk and butter. In Colorado sunshine with Colorado feeds, with Jersey and Guernsey cows, it is never necessary to use artificial butter color to obtain attractive butter.

"The following table of churning experiments by the author in Wisconsin in 1899 and 1900 is of interest along these lines, and I believe the color values shown to be typical of the breeds as a whole:

Natural Color of Various Lots of Butter.

Source of Cream	Breed of Cows	Shade or Color	Value	Quality of Color
June 15, 1899.				
Whitney Factory	..Mostly Holstein	...No. 3 x eq.	85 c. c...	Orange.
June 15.				
Geo. C. Hill & Son,	Guernsey herd	....No. 5 x, nearly	No. Old gold, with an	
Rosendale, Wis.		6, 150 c. c.....	olive cast.	
June 21.				
Burchard Farm	....Jersey herd	.....No. 3 x eq.	85 c. c...	Lemon and orange.
June 28.				
The same	.....Jersey herd	.....No. 3 x eq.	85 c. c...	Lemon and orange.
June 28.				
Ex-Gov. Hoard's	...Guernsey cows	....No. 5 eq.	125 c. c...	Olive, lemon and gold.
December 7.				
Geo. C. Hill & Son,	Guernsey herd	....No. 3 x eq.	85 c. c...	Same quality of color
March 15, 1900.				
Geo. C. Hill & Son,	Guernsey herd	....No. 2 x eq.	60 c. c...	About the color of banana meat.
April 2.				
O. T. Howard.....	Holstein herd	.....No. 1 eq.	15 c. c...	Almost white..
Ft. Atkinson, Wis.				
April 12.				
Burchard Farm.....	Jersey herd	.....No. 2 x eq.	60 c. c.	
June 4.				
O. T. Howard.....	Holstein herd	....No. 2 eq.	50 c. c.	
June 15, 1900.				
Whitney Factory...	Unsalted butter	...No. 2 x eq.	60 c. c.	
	Salted butter	.....No. 3½ eq.	85 c. c.	
x for plus				

"The fall drop in a line of Wisconsin creameries does not go below No. 2 until the ground hog days, and then it is a long time going down towards No. 1. The whitest butter is produced and most artificial color is used in the spring just before sunshine and pasturage commence, and then the gain in color does not come all at once."

Mr. Fitch, in writing me at the time the above Guernsey sample was sent, March 15th, 1900, said:

"The color has fallen to 2½ on the scale, and this would just suit me, as it is for table use. It is as high a color as could be sold in Manchester, England."

In judging of the color of milk, it must be remembered that the color value of Guernseys giving 5 per cent milk would be increased as compared with 3 per cent Holstein milk by the factor of 5/3 over the table color values of butter; whereas for cream of the same richness, the comparative color values would be as stated for butter. Thus Holstein milk might often have less than one-fourth the color of Guernsey milk.

James M. Codman, of Brookline, Mass., who visited the Island in 1871, and made an importation at that time, more than any other person has called attention of the breeders to the value of this breed characteristic, and the results ob-

tained in his own herd would indicate that this characteristic can be intensified by breeding. The butter from his herd is yellower than that from any herd I have ever seen, with possibly one exception.

As this book goes to press, The American Guernsey Cattle Club is carrying on some experiments in connection with some experiment stations in an endeavor to determine, if possible, the connection between the color of the animal, as manifested by the secretions in the ears, on the end of the tail, on the teats and udder, at nose, and on body generally, and the color of the product, and it is to be hoped that these experiments will bring results that will make it possible to still further intensify this breed characteristic.

CHAPTER X.

The Guernsey in England

It is evident from the quotation in Chapter II from Youatt's "Cattle" that the Guernseys have been known and appreciated in England for one hundred years or more; but there was no organization of the English breeders to form a Herd Book until 1885, when The English Guernsey Cattle Society was formed. G. Neville Wyatt was the first secretary, and the first volume of the Herd Book was issued in 1885, in which were registered 306 females and 74 bulls.

An examination of the entries of this first volume shows that Cowslip 60 was the oldest cow registered, being dropped in the year 1869. Her sire and dam were imported from Guernsey. She was bred in England by Lord Falmouth. But I find that the cow Cissus I 50, bred August 10, 1877, goes back four generations on her dam's side, as her pedigree indicates, and two on her sire's side, so that this would indicate that some of the foundation stock had been imported much earlier.

From the preface of the first volume of the Herd Book, it is quite evident that the English breeder was not only planning to preserve the purity of the breed for his own satisfaction but also that he might capture a portion of the American trade. This is evidenced by the following quotation:

"It is clear that American buyers, for instance, cannot afford to incur the expenses and run the risks of carrying cattle across the Atlantic unless they are in a position to obtain very high prices indeed at the end of the voyage. And it is equally clear that those high prices will only be forthcoming for animals whose purity of origin is demonstrable. Certainty of pedigree must come in support of the promise of intrinsic value, and this combination once achieved there is no reason whatever why English Guernsey blood should not become as fashionable as that of the best known Island herds. Indeed, it is possible that foreign buyers may eventually prefer our cattle, for there is a growing opinion, probably well founded, of their superior hardiness."

Rule five of their Society was:

"No animal shall be eligible for the English Guernsey Herd Book that cannot trace back its pedigree on both sire's and dam's sides to imported stock." To them this rule evidently meant animals from any one of the Islands, and while

I do not find any animal in Volume I that is given as Alderney bred, they very early accepted animals from Alderney. Because of this fact, they very early had the advantage of the American buyer, who could not buy the Alderney-bred cattle either on that island or in Guernsey. The Guernsey has apparently never been as popular in England as the Jersey, but it is evident from the number of animals imported and recorded in recent years that the interest is steadily increasing, which is to be expected because the hopes expressed in the preface have been realized in the last few years. Many Guernseys have been brought to the United States from England, some of them Island bred but many of them English bred.



Felois 4436, E. G. H. B.—1st prize, English Royal Show, 1909.

The Society early began to offer special prizes at the English Royal, Bath and West of England, Royal Counties, Tunbridge Wells and other shows of Great Britain, and have published in their Herd Book lists of the prizes won at these shows.

While but little private testing is done in England, the following statement, written in 1886 by Sir John F. Lennard,



Group of Guernseys owned by John C. Forster, Clatford Mills, England. All were prize winners at Bath and West of England Show in 1911.

Bart., would indicate that some breeders took a keen interest in the dairy production of their cows, and persons who know Mr. Lennard state that he always had an enthusiastic interest in his herd.

"I may say that all the cows and heifers I have are descended from one cow imported by Mr. Fowler of Bushey, which I bought in 1870, Lady No. 1, No. 170 English Guernsey Herd Book.

"She was a regular breeder; her milk varied from sixteen to eighteen quarts a day, which produced from 2 pounds to 2 pounds 9 ounces of butter, according to the season."

	Quarts milk	Pounds butter
Julia	19.1	2.85
Lady No. 1.....	16	2.8
Lady No. 1.....	17	2.85
Lady No. 1.....	17.1	2.11
Lady No. 2.....	16	2.1
Lady No. 2.....	16.1	2.5
Lady No. 2.....	16	2.1
Lady No. 2.....	17	2.85
Lady No. 2.....	16	2.8
Lady No. 2.....	17	2.15
Lady No. 2 (11 years old).....	18.1	3.15
Lady No. 3 (second calf).....	15	1.15
Lady No. 3 (third calf).....	16	2.8
Lady No. 4 (second calf).....	14	2.0

		Quarts milk	Pounds butter
Lady	No. 5 (first calf).....	10	1.8
Lady	No. 5.....	16	2.2
Lady	No. 5.....	17	2.9
Lady	No. 6.....	16.1	2.85
Lady	No. 6.....	16.2	2.9
Lady	No. 9 (first calf).....	12	1.115
Lady	No. 9 (second calf).....	16.1	2.135
Lady	No. 9 (third calf).....	17	2.155
Lady	No. 14 (first calf).....	10	1.9

It was the author's privilege to visit this farm in 1913. The present Sir Henry Lennard is very much interested in his herd, which is composed largely of the descendants of this same Lady family.

J. Boyd Kinnear, M. P., for years maintained a very choice herd at Collessie, Scotland, and he published the following report of the milk yield of his herd for the years 1895, 1896 and 1897:

Name of cow	1895 Pounds	1896 Pounds	1897 Pounds
Violet XXII	7,710	5,770	11,020
Violet XXIV	6,200	6,620	8,580
Fleur de Lis III.....	7,750	7,520	7,530
Cowslip III	7,030	6,840	6,460
Lilac	8,360	8,930	9,040
Nerine III	7,710	6,970	7,950
Flora III	4,670	7,180	8,100

The English breeders have persistently entered their cattle in the milking trials at the annual shows, and up to 1912 this, with their prize winning, had been the only means of judging of the character of their animals. In 1912 they adopted the following set of rules governing their tests for yearly milk and fat records, which rules are much like those adopted for the Advanced Register in the United States. The same requirements for admission prevail, but Rule 6 provides that "No record can be accepted unless the cow is safely in calf within five months from the date the record commenced."

1. Any animal the property of a member of the English Guernsey Cattle Society entered in their Herd Book is eligible for the test.

2. The record, which is to be for a lactation period not exceeding 365 days, shall consist of a daily record of milk production to be kept by the owner on a form supplied by the Secretary of the Society, which shall be checked at least every two months during the lactation period by the Official Inspector of the Society, who shall at each visit take a sample of each animal's milk and test the same for butter-fat by the Gerber Tester.

3. The cows shall be milked the same number of times on the day of the test as they have been previously, but the number of milkings must not exceed three.

4. All cows must have calved at least seven days before the commencement of the test or record. No allowance can be made for milk taken by suckling calves after that period.

5. The records may commence at any time, but notice must be

given to the Secretary within seven days after the record has commenced, to give due time for the arrangement of the Inspector's visit.

6. No record can be accepted unless the cow is safely in calf within five months from the date of the record commenced.

7. Should the owner or the Inspector be dissatisfied with the milk record or butterfat test at the time of the Inspector's visit, an extra visit may be made at the owner's expense.

8. The Inspector shall not be required to give more than one day's notice of his visit.

9. In order to place heifers and young cows on an equal basis with mature cows, an animal commencing her record at two years old or under shall be required to produce within the lactation period 6,000 pounds of milk or 250.5 pounds of butterfat. For each day the animal is over two years 3.65 pounds of milk and one-tenth of a pound of butterfat shall be added; this ratio to continue until the animal is 5 years old, when the required amount will have reached 10,000 pounds of milk or 360 pounds of butterfat.

10. All cows must be in view of the Inspector when being milked, and not more than ten cows shall be tested from one herd in one day.

11. The owner will be required to pay half the expenses of each visit, the moiety due to the Society will be collected by the Secretary after the third visit of the Inspector.

12. Should any questions or dispute arise not provided for in the foregoing rules, the decision of the Sub-Committee shall be final.

It is seen that the owner keeps daily milk records as with the American test, but according to Rule 2 an inspector must visit the farm at least every two months, while monthly visits are required in the case of American records. The results of these tests to date follow:

Year 1912.

A. R. No.	Name and Number	Pounds milk	Pounds fat	Weeks in milk	Fat quali- fication for 52 weeks
1	Bilberry III 4701.....	8,578	411.7	51	360
2	Rowanberry 4978	7,993	367.6	50	360
3	Trusty III 5341.....	7,672	337.5	42	360
4	Lady No. 88 5514.....	8,139	398.8	35	360
5	Woodruff II 5706.....	6,001	318	42	360
6	Goldstream II 6154.....	9,121	460.6	46	360
7	Violet des Jaonnets 6388.....	8,497	433.3	46	360
8	Lady Flora III 6575.....	8,057	459.2	40	360
9	Hayes Nellie IV 6905.....	8,884	342	46	360
10	Ladock Pride 6941.....	9,749	545.9	46	360
11	Wickham Fancy II 7133.....	9,833	462.1	45	360
12	Wickham Puppy 7135.....	8,152	399.4	47	360
13	Bryde 7177	8,342	350.3	46	360
14	Fanny I of the Vauxbelets 7254.....	8,495	399.2	38	360
15	Hale Charm 7287	6,590	313	50	327.5
16	Ladock Princess 7333.....	10,737	418.7	41	360
17	Lady Jebbe I 7341.....	4,966	263	47	343.5
18	Golden Cloud III 7366.....	6,799	390.9	44	329.3
19	Ribes II 7439	6,839	341.9	52	347
20	Rosey XI 7456.....	7,403	384.9	45	339.7
21	Woodruff V 7517.....	7,277	429.3	47	355.7
22	Bilberry VII 7541.....	5,225	344.8	48	313
23	Dewdrop II of the Park 7609.....	7,249	355.2	41	360
24	Itchen Cowslip 7687.....	5,148	281	45	309.7
25	Mahy's Moss Rose II 7750.....	7,638	420	41	340.8
26	Merton Gentle II 7769.....	4,697	314.6	52	296

A. R. No.	Name and Number	Pounds milk	Pounds fat	Weeks in milk	Fat qualification for 52 weeks
27	Ranunculus VIII 7815.....	6,774	359	50	317.5
28	Rose of Goodnestone II 7845....	6,024	319.2	49	298.5
29	Winter Green VII 7933.....	7,915	403.6	45	294.5
30	Clatford Fay of the Mill 8012...	6,716	342.5	37	307.3
31	Ladock Beauty 8136.....	6,754	405.2	47	284.3
32	Ladock Joy 8140.....	6,003	378.1	51	286
33	Lady No. 96 8141.....	4,710	292	52	272.5
34	Ranunculus X 8216.....	5,797	313	50	275.8
35	Rosey XII 8234.....	5,999	299.9	46	265.4
36	Rushington Shamrock III 8243..	6,710	345.5	47	284.5
37	Saucy II 8247.....	9,167	449.1	43	273.2
38	Violet of Goodnestone 8294.....	6,515	312.7	42	253.3
39	Wickham Fancy III 8299.....	5,525	292.8	44	251.2
40	Woodruff VI 8304.....	6,758	324	43	258.8
41	Clatford Florrie 8323.....	5,411	286.7	35	269.5
42	Hawkey Fannie 8540.....	5,327	253.5	38	258
43	Hawkey Favourite 8541.....	7,397	329	40	305.9
44	Hawkey Golden Rose 8542.....	5,764	295.6	35	252.2
45	Hawkey Lady Hester 8544.....	6,301	344	42	262
46	Hawkey Rosetta 8547.....	7,698	351.7	44	264
47	Ladock Mercy 8593.....	5,925	290.3	43	250
48	Rowanberry V 8711.....	5,046	257.3	41	250
49	Wickham May 8789.....	8,274	455	47	304.7
50	Deanie XVI 8906.....	5,926	320	39	339.6
51	Rosy of Les Maux-Marquis 9179	5,555	244.4	26	311.3

Year 1913.

Class A, Being Animals 5 Years Old and Over.

Herd Book Number	Name and A. R. Number	Pounds milk produced	Per cent butterfat	Pounds butterfat	Qualification for entry, butterfat	Weeks in milk	Weeks in calf
8118	Itchen Polly 52.....	14,728.75	4.94	727.60	360	47½	30
4677	Warbler 53.....	14,912.75	4.55	678.53	360	52	31
7133	Wickham Fancy II 54.....	10,395.75	4.97	516.66	360	39	31
7333	Ladock Princess 55.....	11,893.5	4.22	501.9	360	47	32½
6575	Lady Flora 3d 56.....	7,660	5.61	429.72	360	48	38
7153	Ashburnham Amabel 57.....	9,660.5	4.33	418.29	360	52	34
6496	Elfordleigh Judith 58.....	8,644.25	4.66	402.82	360	52	35½
5288	Ribes 62.....	7,416.75	4.99	370.09	360	52	36
7213	Countess IV of the Nouette 59	7,547.5	5.1	384.92	360	52	36
7815	Ranunculus VIII 60.....	7,772.25	4.94	383.94	360	52	37
7341	Lady Jebbe I 61.....	7,368.5	5.12	377.26	360	52	33
8906	Deanie XVI 63.....	6,706.75	5.5	368.87	360	44	34
7038	Phyllis VII 64.....	7,518.5	4.9	368.39	360	42	33
7202	Clatford Princess 65.....	7,005.25	5.18	362.87	360	48½	39
7254	Fanny I of the Vauxbelets 66..	8,805.25	4.11	361.89	360	48	32
4978	Rowanberry 67.....	7,182.25	5.02	360.5	360	51	34½

Class B, Being Animals From 4 to 5 Years Old.

8751	Tregonning Fussie 68.....	11,627	4.61	536	32.58	45½	32
8789	Wickham May 69.....	8,946	5.66	506	351.3	52	30½
7933	Winter Green VII 70.....	9,080.25	5.33	483.97	333.5	50	39
8136	Ladock Beauty 71.....	6,515.75	6.18	402.67	333.6	47	36
7829	Rochampton Lily of the Preel II 72.....	8,645.75	4.55	393.38	351.2	47	32½

Class C, Being Animals from 3½ to 4 Years Old.

8117	Itchen Pearl IX 73.....	8,218.5	5.78	475.02	307.7	52	32
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Class D, Being Animals From 3 to 3½ Years Old.

8294	Violet of Goodnestone 74.....	7,311	5	365.55	292.2	52	41
8401	Clatford Meadow Sweet II 75.	7,527.25	4.3	312.06	292.5	50	34
8711	Rowanberry V 76.....	5,460.75	5.62	306.89	293.6	51	37

THE GUERNSEY BREED

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Class E, Being Animals From 2½ to 3 Years Old.

Herd Book Number	Name and A. R. Number	Pounds milk produced	Per cent butterfat	Pounds butterfat	Qualification for entry, butterfat	Weeks in milk	Weeks in calf
8299	Wickham Fancy III 77.....	7,630.5	5.65	431.12	278.6	51	38
8669	Muriel 34th 78.....	6,072.5	5.5	333.98	276.1	41	35
Class F, Being Animals from 2 Years or Under to 2½ Years Old.							
9246	Violet of the Vrangue 79.....	8,746.75	5.06	442.58	253.5	52	37
8477	Elfordleigh Linden I 80.....	6,776.25	5.62	380.82	265	48	35½
9059	Ladock Sweet Briar 81.....	6,592.25	5.68	374.43	250.5	52	38
8734	Stanstead Rose VIII 82.....	6,643.75	5.55	368.72	256.5	49	31
9062	Lady No. 99 83.....	6,508	4.92	320.19	252.7	38	29
8713	Rowanberry VII 84.....	6,412	4.74	303.92	258.2	52	42
9092	Ma Charmante VIII 85.....	5,850	4.91	287.23	250.5	45	41
8928	Durrington Cowslip II 86.....	4,771.5	5.5	262.43	257.6	41	33

Year 1914.

Class A, Being Animals 5 Years Old and Over.

5501	Itchen Verbena 87.....	13,673.75	5.07	693.25	360	52	48
7691	Itchen Lily VIII 91.....	11,097	5.07	562.61	360	49	34
7685	Itchen Carnation III 88.....	11,719.50	4.58	536.75	360	52	34
8751	Tregonning Fussie 89.....	11,627	4.61	536	360	52	31
5019	Undine II 131.....	9,573.75	5.58	534.21	360	39	37
8109	Itchen Belle X 94.....	9,973.75	5.16	514.64	360	52	33
7333	Ladock Princess 92.....	10,903.75	4.51	491.75	360	49	34
6941	Ladock Pride 96.....	9,632.25	5.07	488.35	360	48	37
7853	Rownham's Gloriosa 93.....	10,768.50	4.51	485.65	360	41	30
9626	Priony Pansy 90.....	11,498	4.22	485.21	360	52	30
7697	Itchen Rose 95.....	9,912.50	4.6	455.97	360	52	36
8237	Rownham's Queen 99.....	8,893	4.95	440.20	360	48	33
7997	Brittleware Cowslip 97.....	9,501.75	4.54	431.37	360	52	37
8198	Nellie II of the Echelle 102..	8,239.50	5.21	429.27	360	50	34
7270	Godolphin Ida II 108.....	7,103.25	5.62	399.20	360	44	42
7038	Phyllis VII 98.....	9,203.50	4.3	395.75	360	43	36
7933	Winter Green VII 103.....	8,142.50	4.83	393.28	360	47	40
6940	Ladock Lily 105.....	8,089	4.65	376.13	360	51	39
7815	Ranunculus VIII 101.....	8,266	4.53	374.44	360	48	41
7213	Countess IV of the Noutette 104	8,131.75	4.48	364.30	360	42	41

Class B, Being Animals From 4 to 5 Years Old.

8224	Romana XXXV 109.....	10,015.75	5.14	514.80	358.1	50	36
8215	Ranunculus IX 110.....	8,801.75	4.5	396.07	346.4	48	38

Class C, Being Animals From 3½ to 4 Years Old.

8041	Donnington Juno 111.....	9,421.25	4.89	460.69	319.6	46	35
8375	Brittleware Ivy 106.....	7,734.75	5.44	420.77	308.5	52	37
8669	Muriel XXXIV 112.....	7,459.75	5.42	404.31	311.3	46	36
8734	Stanstead Rose VIII 114.....	6,721.75	5.38	361.63	306.8	43	35
8752	Tregonning Goodness II 113..	7,120.75	4.92	350.34	323.1	47	45

Class D, Being Animals From 3 to 3½ Years Old.

8736	Star of Amptill IV 115.....	7,393.75	4.51	333.45	299.3	37	37
9073	Langley Ethel 116.....	7,011.75	4.66	326.74	293.2	50	29

Class E, Being Animals From 2½ to 3 Years Old.

9084	Lorely 117.....	10,289.25	5.12	526.80	274.3	49	33
8938	Elfordleigh Lady Xab 118....	8,878.25	4.49	394.14	270.7	52	39
9202	Stanstead Rose XI 132.....	7,414.50	4.52	335.13	273.2	41	33
8858	Brittleware Honeysuckle 119..	6,679.75	4.63	313.90	272.5	43	41
9088	Lynchmere Pretty Dairymaid XII 120.....	6,160.75	4.84	298.18	270.1	48	45

Class F, Being Animals From 2 Years or Under to 2½ Years Old.

9035	Itchen White Heather 122....	6,912	5.40	373.25	255.5	50	34
9069	Lady Muriel 121.....	7,644.50	4.60	351.64	263.5	47	37
9640	Ravenscroft Celandine 125....	6,040	5.32	321.32	250.5	43	39
9539	Ladock Quaker Maid 130.....	6,443.75	4.73	304.78	258.5	46	41

Herd Book Number	Name and A. R. Number	Pounds milk produced	Per cent butterfat	Pounds butterfat	Qualification for entry, butterfat	Weeks in milk	Weeks in calf
9145	Ranunculus XII 123.....	6,806	4.45	302.86	266.7	52	34
9038	Iwerne Daisy II 129.....	5,343.75	5.65	301.92	260.2	46	41
9122	Polly of the Isles XII 126....	5,960.75	5.05	301.01	267.9	48	35
9205	Sweet Cream VII 124.....	6,726.50	4.43	298.04	262.8	51	41
9543	Lady No. 102 128.....	5,891.75	4.91	289.28	256.6	44	33
9177	Rosey XIV 127.....	5,898.50	4.43	261.30	256.6	40	36

Year 1915.

Class A, Being Animals 5 Years Old and Over.

7237	Donnington Honeymoon 134...	11,059	5.29	585.02	360	51	31
8034	Donnington Jane 135.....	10,020.50	5.04	541.10	360	44	36
6440	Citron Blossom XXV 137.....	8,972.75	5.25	471.06	360	52	33
8206	Polly of the Isles X 138.....	7,912.25	5.83	459.38	360	48	37.5
6077	Brittleware Stella 139.....	9,167.50	4.96	454.70	360	46	37.1
6941	Ladock Pride 140.....	8,182.50	5.04	441.85	360	48	34.4
7456	Rosey XI 141.....	8,521	5.13	437.13	360	46.5	35
8542	Hawkey Golden Rose 142.....	8,074.75	5.3	428.49	360	44.4	38.4
7153	Ashburnham Amabel 143.....	8,495.25	4.08	407.77	360	42.6	34.5
8198	Nellie II of the Echelle 144....	7,448.25	5.44	405.18	360	42	38
8375	Brittleware Ivy 145.....	6,745	5.72	385.77	360	36.5	34.3
6791	Brittleware Maud 146.....	7,587.75	4.88	371.99	360	44	36.2
7845	Rose of Goodnestone II 147....	8,729.50	4.24	370.13	360	40	34
8527	Governs Daisy 148.....	6,672.50	5.54	369.65	360	38.4	32.5
8136	Ladock Beauty 149.....	6,628	5.53	366.48	360	41.2	37
8294	Violet of Goodnestone 150....	6,523	5.83	362.29	360	47.5	37.4

Class B, Being Animals From 4 to 5 Years Old.

8041	Donnington Juno 151.....	8,729.25	4.90	427.72	356.60	42	38.5
8669	Muriel XXXIV 152.....	7,352.50	5.42	398.50	347.82	36.5	33
9236	Trequean Queen 153.....	7,819.50	4.65	363.59	324.80	50	38

Class C, Being Animals From 3½ to 4 Years Old.

8460	Donnington Muriel 154.....	7,512.25	5.1	383.12	315.38	43	32
9394	Dewey May VIII 155.....	7,044	4.87	343.04	320.14	49	37
8860	Brittleware Jasmine 156.....	4,861.75	6.45	311.15	310.55	44	37

Class D, Being Animals From 3 to 3½ Years Old.

9539	Ladock Quaker Maid 151....	10,145.05	5.24	531.59	295.18	52	34.2
9659	Ramona 49th 158.....	8,331	4.85	404.03	292.94	42.5	39.5
10013	Fanny du Foulon XX 159....	7,224.50	5.30	382.90	299.56	40	32
9342	Butterwort IX 160.....	6,245.25	5.55	346.61	287.70	48.5	30
9069	Lady Muriel 161.....	6,179.25	4.98	308.96	303.20	42.6	34.4
9478	Governs Violet 162.....	5,339.25	5.7	304.33	292.54	52	35.6
9410	Donnington Harriet III 163..	5,944	4.98	295.99	290.04	45	33

Class E, Being Animals From 2½ to 3 Years Old.

9832	Belladonna II of the Ponches 164	10,110.75	4.83	488.34	271.54	52	39
9427	Durrington Souffle 165.....	8,043.50	5.09	474.56	273.24	52	35
9538	Ladock Puritan 166.....	9,799.50	4.71	464.49	273.54	52	33.6
10018	Flamboyante II of the Pou- queleh 167	7,039.75	4.55	316.78	276.28	52	37.2
9536	Ladock Honey Dew 168....	5,257.50	5.82	305.88	286.10	48.6	36
10690	Flossie of La Fontaine 169..	4,941	5.94	293.47	272.74	41.3	37.2

Class F, Being Animals From 2 Years or Under to 2½ Years Old.

10145	Ladock Princess Mary 170....	7,830.75	5.42	424.42	250.50	52	34.5
9981	Downe Romana I 171.....	7,428	5.58	414.49	260.82	48	34
9415	Donnington Jill II 172.....	7,240.50	5.27	381.57	250.50	40	31.1
9352	Citron XXVI 173.....	7,432.25	5.12	380.53	265.16	43.1	35
10359	Stanstead Rose XV 174.....	8,453	4.5	380.38	254.04	52	32
10144	Ladock Dimple 175.....	6,586.25	5.7	375.41	250.50	50	38
9780	Wickham Fancy IV 176.....	6,669.25	5.34	353.47	257.98	52	31.2
9673	Rose of Goodnestone IV 178..	6,559.25	4.9	321.40	255.14	50.5	33.5
10306	Rose des Houards 63d 179....	5,603.25	5.65	315.58	254.84	48	37

Herd Book Number	Name and A. R. Number	Pounds milk produced	Per cent butterfat	Pounds butterfat	Qualification for entry, butterfat	Weeks in milk	Weeks in calf
10642	Downe Darling 180.....	6,416	4.88	313.12	254.04	44	36
9904	Clatford Sonrisa 181.....	6,415	4.85	311.07	254.14	52	36.5
9570	Lynchmere Florrie 182.....	6,424.75	4.68	300.67	257.28	52	31.4
10169	Lily VIII of Le Tertre 183..	5,775	5.15	297.41	255.54	50.3	37.4
10654	Downe Princess 184.....	5,214.25	5.7	297.21	257.90	43	33
10185	Lynchmere Lady Flora 185..	4,920.75	5.82	286.38	254.04	40	37
9869	Brittleware Sweet Clover 186.	5,001.25	5.68	284.07	260.52	43	32.4
9779	White Rose of Langley 187..	5,389.50	5.20	280.25	254.84	52	35
10906	Raymond's Bluebell of the Preel III 189.....	6,106.50	4.40	268.69	255.94	44.1	37
10153	Lady Betty II 190.....	4,936	5.31	262.12	256.24	38.2	35.3

CHAPTER XI.

The Guernsey in Other Countries

The exportation of Guernsey cattle to countries other than the United States and Great Britain has been very limited, with the single exception of Australia. A few animals have gone to France, Cuba, Central America, Brazil and scattering animals to other countries.

In 1888, the Sapporo Agricultural College, Sapporo, Japan, imported from the United States two bulls and twenty heifers, selected in twos or threes from each of a number of prominent herds in this country. This was before the discovery of the tuberculin test, and unfortunately some of these animals had tuberculosis, which eventually destroyed the whole herd and put an end to Guernsey business in Japan.

The Guernsey has, however, made great strides in Australia, as the following quotation from the book, "Dairying in Australasia," by M. A. O'Callaghan, testifies:

From the day on which the first importation of Guernsey cattle was landed in Sydney by the New South Wales Government in 1898, the breed has grown in popularity until at the present time they are the most sought after of any of the dairy breeds by farmers who wish to introduce new blood into their herds. In every district in New South Wales in which the breed has been tried, they have given almost universal satisfaction. Of course, when I state this, I mean that the animals which have been used for the purpose of crossing with the ordinary half-bred cattle, have produced offspring which have more than come up to the expectations of the farmers who bred them. No doubt a great deal of this almost abnormal success of a new breed (because this is the first occasion on which there is any authentic record of Guernseys having been introduced into Australia) was due to the excellent selection which the purchasing agents had managed to secure. Two of the bulls imported were undoubtedly of very high class. These two sires, namely, Peter and Rose Prince, have left some excellent half-bred and purebred progeny in the State of New South Wales. They were two bulls of great difference in type. Peter was a little bit on the coarse side, showing that virile character which many of the best judges prefer to see in their sires, no matter what the animal is that they are desirous of breeding. Rose Prince on the other hand was all quality: he stood out as an almost ideal type of dairy bull combined with show ring requirements. Masculinity was well represented without any indication of coarseness, and he possessed all those characteristics which Guernsey fanciers like so much. His type was so distinct that I can pick out his progeny today from those of any other family of Guernseys. This is noticeable even in his half-breds. They possess great length, quality and character, and whereas Peter has proved himself a wonderful animal in the way of begetting heavy milk-yielding females from cross-bred cows, Rose Prince has made his reputation more as a sire of bulls.

Not that he has not left some excellent females to represent him, but his males were so stamped with his characteristics that they have continued his type in a marked degree in their progeny. This is evidenced by the descendants of the bull Calm Prince, an animal that followed his sire and Peter at the New South Wales Government Stud. The portraits of Rose Prince and Calm Prince are reproduced herewith so that Guernsey breeders in future may have an opportunity of looking up the type of sires from which Guernsey cattle in Australia, practically speaking, have sprung. Peter was used more for mating with other breeds of cattle than for the production of purebred Guernseys. This was owing to the fact that at the farm where he was first placed there were only a couple of purebred Guernsey cows kept. His records are best seen in the chapter dealing with experimental work in the breeding of dairy cattle. Referring to the females imported in 1898, five out of the six were excellent cows, and it was difficult to say whether Calm, Vivid, Lady Blanche, or Flaxy was the best animal. Unfortunately Lady Blanche died soon after her introduction, and has left as a consequence no representatives, but the other three have left excellent specimens, both male and female, and that beautiful cow, Rose Vivid by Rose Prince from Vivid, is probably one of the handsomest types of dairy cows of a Guernsey strain that it is possible to find. She has all the qualities of the Rose Prince strain, and all the dairy characteristics of her mother.

Guernseys got a foothold first in the Richmond River district of New South Wales, probably because there was no prejudice in that new and progressive place, and hence those farmers who were anxious to improve their herds gave the breed a trial. The Guernsey bull Peter was stationed there, and his results were so successful that the breed at once became sought after, until now the enquiries for young bulls of the breed are very much greater than the supply. The publication of the results of experiments carried out at the Wolongbar State Farm has caused a further impetus to be given to this breed, and now enquiries come in daily from all corners of New South Wales asking for information as to where both male and female Guernseys may be obtained. In fact, at the present time a number of farmers have placed orders with the Government of New South Wales for the importation of animals of this breed from England. This is not a small matter when it is remembered that it costs at least about £100 per head to land specimens of the breed in Australia. The New South Wales Government made a second importation of 20 females in 1907, and though these on the whole were not so high class as the first specimens introduced, still a number of them are sufficiently representative of the best of the breed to give very good results.

Easily Acclimatized.

The animals readily acclimatized themselves in those dairying portions of the State which show great difference in climate and soils. I refer to the South Coast and North Coast districts of New South Wales, where we have placed imported cows and bulls. As most of my readers are aware, the Richmond and Tweeds districts on the North Coast have a very heavy annual rainfall coupled with an almost tropical heat, and the land is mainly of a rich volcanic character. On the South Coast, however, the land, generally speaking, is not so rich and the extremes in temperature are very consider-

able. Very cold winters are experienced and also warm summers, so that the breed has shown great adaptability to different climates and soils, and this, no doubt, will serve as a very important factor in the future welfare of the breed in Australia.

Recent Importations.

The year 1910 has been a noted one in the Guernsey world, as far as Australia is concerned. At least three new herds have been founded, and all by men who demand only the best.

Mr. Anthony Hordern, who has a place at Wilton Park, Picton, imported several of the breed, at the same time that his brother imported Jerseys and Ayrshires.

Mr. J. W. Gillespie, who has a country place near Inverell, imported four females and a bull brought from the best herds in England, while Mr. A. R. T. Payne, of Melbourne, who has a country house at Lilydale, Victoria, imported seven cows and a bull, and Mr. W. S. Ruddick, V. S., imported a couple of cows.

In addition to these importations made last year, a number of Guernseys were landed in Sydney early in March of this year, the importers being the Agricultural Department of New South Wales, who brought six bulls and four cows; Mrs. Mabel Dawson, of Berry, who brought four females; and Mr. Nortcott of Lismore, who brought two females and a bull. Mr. Hugh H. Denson, of Sydney, has also added Guernseys to the dairy breeds already on his Eumaralla Estate, Gulgong, New South Wales, and has imported three young cows, securing at the same time from Mr. Payne of Lilydale a very fine young bull that was imported to Australia in his mother, but which has since unfortunately died of accidental poisoning.

There has also been a small Guernsey importation made into Queensland, two cows and a bull having been introduced by Mr. E. S. Webster, of Landsborough. Breeders of dairy cattle in Australia will, therefore, have a very much wider field from which to select Guernsey bulls for use in their ordinary herds than has been the case heretofore, when it was only the New South Wales Government and one or two private breeders, such as Mr. Dixon Cooke, of Alstonville, and Messrs. Kinross Brothers, of Jamberoo, who bred pure Guernseys in Australia.

Nearly all the Guernseys imported into Australia have come from England, as Mr. O'Callaghan's book shows, and included among them are such well-known prize winners as Hayes Coronation III 1936, E. G. H. B., that was first in his class and champion at the English Royal Show in 1910 and also at the Bath and West England Show, besides taking numerous prizes at all of the great shows; and Hayes Cherub, also first in his class at the English Royal and the Bath and West England in 1910. In 1911, the bull Ajax of Sarnia 17793 was sent to E. P. Perry, Parkville, New South Wales, and Mr. O'Callaghan states that this is the first Guernsey imported into Australia from the United States. He won first prize at the Royal Show at Sydney in 1912, 1913 and



Ajax of Sarnia 17793.

1914. Three heifers from the Island also were sent to Australia that same year and in 1913 another lot of seven.

The Government of New South Wales made the first importation, as stated above, in 1898, which included three bulls and six cows; and the second importation, in 1907, was of twenty cows and heifers, several of this lot coming direct from the Islands. The third importation, in 1911, was of six cows and six bulls. Some very interesting experiments have been carried on at the Government station at Wollongbar.

It would prove very interesting indeed if place could be given in this book to all the records of these breeding experiments, but the results of only two or three of them can be quoted. The cow Bella, a purebred Shorthorn, made the following records at the station:

Second calf	3,600 pounds milk in 216 days
Third calf	4,120 pounds milk in 206 days
Fourth calf	3,950 pounds milk in 212 days

Her daughter Pebbles, sired by the Guernsey bull Peter, made the following records:

Number of lactation	Pounds milk	Pounds butter	Number of days
First calf	8,790	...	588
Second calf	6,720	345	329
Third calf	8,720	401	389
Fourth calf	7,988	427	309

One other instance is worthy of particular notice and

this was the purebred dairy Shorthorn cow, Lady Dora, imported from England. Her records were as follow:

Number of lactation	Pounds milk	Pounds butter	Number of days
Fourth calf	3,120	...	...
Fifth calf	9,560	416	265
Sixth calf	8,406	346	275
Seventh calf	7,875	296	367
Eighth calf	6,476	251	332
Ninth calf	5,902	225	296
Tenth calf	3,826	137	208

Lady Dora produced two heifers by imported English-bred dairy Shorthorn bulls, one of which died before having a calf but looked very promising. The record of the next one, Lady Dora II, is given herewith:

Number of lactation	Pounds milk	Pounds butter	Number of days
First calf	1,893	82	190
Second calf	1,994	84	207
Third calf	2,803	118	211

At the next calving she had twins, a bull and a heifer, the heifer proving a freemartin. The next daughter was Doreen, sired by the Guernsey bull Peter, and her records follow:

Number of lactation	Pounds milk	Pounds butter	Number of days
First calf	6,103	280	299
Second calf	13,627	651	597
Third calf	7,105	295	258
Fourth calf	7,776	279	280
Fifth calf	8,243	407	262

Another instance was that of the imported English-bred Shorthorn cow, Honey 110th, with records as follows:

Number of lactation	Pounds milk	Pounds butter	Number of days
Third calf	5,950	...	210
Fourth calf—no authentic record.			
Fifth calf	5,327	225	220
Sixth calf	4,960	210	292
Seventh calf	5,382	234	241
Eighth calf	4,324	193	281

Her daughter, Honey Dew, by the imported English-bred Shorthorn bull, Cornish Boy, produced as follows:

Number of lactation	Pounds milk	Pounds butter	Number of days
First calf	3,348	153	258
Second calf	4,101	170	317

Honey 110th was then bred to the Guernsey bull Peter, and the progeny was the cow Honey Suckle, and her records are as follows:

Number of lactation	Pounds milk	Pounds butter	Number of days
First calf	4,765	390	311
Second calf	5,207	341	320
Third calf	6,671	445	363
Fourth calf	5,502	329	328
Fifth calf	7,205	383	372
Sixth calf	5,227	282	236

The Guernsey bulls were also crossed on grade Shorthorn cows. The results were as follows:

Totals and Averages of Progeny by Purebred Guernsey Bull from Grade Cows as Basis.

Bud—

Totals: 35,594 pounds milk, 2,163 pounds butter in 1,713 days, or 6 years.
Averages: 5,932 pounds milk, 360 pounds butter in 286 days, or a milking season.
Average per day for each day in milk: 20.7 pounds milk, or 1.26 pounds butter.
Average weight of milk to 1 pound butter: 16.5 pounds.

Regina—

Totals: 34,825 pounds milk, 1,553 pounds butter in 1,521 days, or 5 years.
Averages: 6,965 pounds milk, 310 pounds butter in 304 days per season.
Average per day for each day in milk: 22.8 pounds milk, or 1.02 pounds butter.
Average weight of milk to produce 1 pound butter: 22.4 pounds.

Dulcie—

Totals: 29,623 pounds milk, 1,344 pounds butter in 1,458 days, or 5 years.
Averages: 4,957 pounds milk, 224 pounds butter in 253 days per milking season.
Average per day for each day in milk: 20.3 pounds milk or .92 pound butter.
Average weight of milk to produce 1 pound butter: 22 pounds.

Nancy—

Totals: 22,248 pounds milk, 1,114 pounds butter in 1,241 days, or 4 years.
Averages: 5,562 pounds milk, 278 pounds butter in 310 days per season.
Average per day for each day in milk: 17.9 pounds milk or .89 pound butter.

Violet—

Totals: 32,902 pounds milk, 1,617 pounds butter in 1,532 days, or 5 years.
Averages: 6,580 pounds milk, 323 pounds butter in 306 days per season.
Average per day for each day in milk: 21.4 pounds milk or 1.05 pounds butter.
Average weight of milk to produce 1 pound butter: 20.3 pounds.

Sapphire—

Totals: 20,444 pounds milk, 1,124 pounds butter in 1,011 days, or 3 years.
Averages: 6,814 pounds milk, 374 pounds butter in 337 days per season.
Average per day for each day in milk: 20.2 pounds milk or 1.11 pounds butter.
Average weight of milk to produce 1 pound butter: 18.2 pounds.

Coral—

Totals: 18,857 pounds milk, 999 pounds butter in 1,405 days, or 4 years.
Averages: 4,714 pounds milk, 249 pounds butter in 351 days per milking season.
Average per day for each day in milk: 13.4 pounds milk or .70 pound butter.
Average weight of milk to produce 1 pound butter: 18.2 pounds.

Caper—

Totals: 11,466 pounds milk, 666 pounds butter in 701 days, or 2 years.
Averages: 5,733 pounds milk, 333 pounds butter in 358 days per milking season.
Average per day for each day in milk: 16.3 pounds milk or .95 pounds butter.
Average weight of milk to produce 1 pound butter: 18.2 pounds.

Blossom, the mother of Bud, gave with her first calf, in 331 days, 5,271 pounds milk, which yielded 239 pounds butter. With her second calf she gave, in 318 days, 4,472 pounds milk, which yielded 242 pounds butter. She was then sold.

Queenie, mother of Regina, milked 3,199 pounds milk in 129 days and averaged 3.2 per cent, this being her only record available.

Dandy, the dam of Dulcie, gave, when 8 years old, 4,404 pounds milk yielding 193 pounds butter, in 196 days, which is her only available record.

Gem, the dam of Sapphire, when 9 years old, gave 9,686 pounds milk in 337 days, but with her next calf she gave 4,557 pounds milk in 204 days. She never produced but the one heifer calf, and she probably carried some Jersey blood as well as Shorthorn.



Mignonette 7th 114 (Australian Guernsey Herd Book) and La Colombe 3d 92 (Australian Guernsey Herd Book). First named in foreground, daughter of Masher 63, R. A. A. S.

Ruby, the dam of Coral, gave 6,810 pounds milk, which yielded 287 pounds butter in a milking period of 321 days.

The summary goes on to say that, as far as the records go, the Guernsey has produced the best results of all the dairy breeds used in the crosses. More work has been done with the Guernsey than with the other breeds but some work was done with all four of the leading dairy breeds.

Recently some semi-official yearly testing has been done in Australia with the following results:

Certificated Cows, Tested under the Herd Testing Scheme of the United Breeders' Purebred Dairy Cattle Association of New South Wales.
(Duration of test, 273 days.)

Name of cow and owner	Age years	Pounds milk	Pounds commercial butter
Merton Margaret II 113, Imp.—Kinross Bros.....	7	8,626	569
12 months			696
Mignonette VII 114, Imp.—E. P. Perry.....	3	6,872	386
La Colombe III 92, Imp. E. P. Perry.....	3	6,598	364
Luxury 104, Imp.—Dixon Cooke.....	9	5,543	281
Rose Pearl 166, Imp.—Kinross Bros.....	3	5,211	244
Pearl of the Spurs III 143, Imp.—Dixon Cooke..	6	4,614	236
Bordeaux Lass II 19, Imp.—Dixon Cooke.....	11	4,614	236
Betsy III of the Vauquiedor 17, Imp.—E. P. Perry	3	5,514	228
La Petite Jaune III 97, Imp.—E. P. Perry.....	3	4,622	228
Golden Rose IV 78, Imp.—E. P. Perry.....	3	3,975	206
Gay Parisienne 58, Imp.—Dixon Cooke.....	3	4,114	202
Pearl IV 144, Imp.—Dixon Cooke.....	4	3,865	195

Even better records are being made this year.

I tried to get a few pictures of prize Guernseys in Australia but the war censor held them up. Trengwainton Acorn 62, A., that was champion in 1910, 1911, 1912, 1913 and 1914, a son of the great English show cow, Hayes Olive, is particularly choice.

It would seem that if better transportation facilities to Australia were available, American breeders might expect to find a very good market for Guernseys there.

CHAPTER XII.

The Guernsey Grade Cow

There is in every city a constantly increasing demand for high-class milk, and by this is meant milk that combines cleanliness, yellow color, and high content of fat and total solids. This demand is apart from the demand for certified milk, which depends almost entirely upon its cleanliness for its market.

There are now hundreds of cities in this country where first grade milk is selling for eight, 10 and even 12c per quart, and produced under conditions that are no better than ought to prevail on every dairy farm. A large part of the milk that sells for these prices is produced by herds of purebred or grade Guernsey cows.

While the number of herds of purebred Guernseys is constantly increasing, it will be a century or more before the number of purebred animals can have increased sufficiently to fill the demand for cows for this use, and it will be infinitely longer before this will be done. The bulk of the farmers who desire an efficient cow must therefore depend on the grade Guernsey to get her.

The leading characteristics of the Guernsey grade are, of course, essentially the same as of her full-blood sister. She is first of all unusually quiet and gentle and therefore less excited by strangers or strange conditions than a more nervous cow. This point is worthy of more attention than it usually receives. She is quite invariably an easy milker, having almost ideal teats. She is of a size (weighing 1,000 to 1,200 pounds) that at once appeals to the dairyman; and while of much less importance than her other characteristics, still she is universally liked on account of her size.

The Guernsey has so often proved herself the most economical producer of butterfat that it seems unnecessary to write upon this point, but if prospective dairymen who are debating which breed to select would study this point of economical production as much as it deserves, they would turn to the Guernsey in even greater numbers than at present. In the hurry to get a big production of milk its quality and cost of production are too often overlooked. The grade Guernsey cow will test for the year 3.5 to 5.5 per cent, varying, of course, with different individuals, and it is safe to say that her milk

will average 4.5 per cent butterfat, taking the yearly average of different herds.

The official yearly records of over 4,500 purebred Guernsey cows show that the milk averages about 5 per cent butterfat; and as the Guernsey grades of the country are largely of Shorthorn, Jersey, or native foundation the estimate of 4.5 per cent is likely below rather than above their average.

This would indicate a total solid content of about 14 per cent, milk plenty rich enough for ordinary use and very much superior in quality to ordinary milk. But the most convincing arguments in favor of the Guernseys are the comments of those who have had her in their dairies.

Thomas Ellis, Marquette, Wisconsin, writing under date of February 22, 1910, said: "The Guernseys have been very satisfactory with me; we milked 11 last year, four of them being but two-year-olds, and they averaged us \$117.24 each. They are doing far better than any other cows in this community, and a number of the farmers are getting interested, and would change to Guernsey if they could buy. I regret now that I did not begin with them at an earlier date. I received \$106.46 from our local creamery in January, 1910, for the milk of eight cows."

M. L. Welles, Fond du Lac, Wisconsin, whose herd was in 1909 about half purebreds and half grades, tells me that from his herd of cows averaging thirty-nine and one-half in number for the year he received \$4,109 for a year's cream delivered at the railroad station, a very profitable return for so large a herd.

The following is from a little circular, "Just a Little History," issued by Lloyd Rundell, Roberts, Wisconsin. "The first purebred Guernsey bull calf born on the World's Fair grounds in Chicago in 1893 was bought by A. E. Rundell, of Livingston, Wisconsin. Nor was this his first purebred Guernsey bull. He had decided to go into the dairy business, and it did not take him long to get on the 'main track.' He had built a 150-ton silo in 1892, and had owned a Babcock tester for several years. He installed the King system of ventilation in his barn in 1894.

"During the winter of 1888 his herd of grade Shorthorns averaged one-half pound of butter per day. They were of the 'dual purpose' variety—the 'Jim' Hill type, the Shaw kind—good for his children to learn to milk by, and if they happened to 'go wrong' were worth from 2½ to 3c a pound for beef. He realized that it would be slow business to grade

up from these, so bought all the high-grade Jersey heifer calves he could find. There were no Guernsey grades to be had.

"In a few years the herd averaged 392 pounds of butterfat. During the months of December and January, the last winter the grades were kept, the herd of 26 cows averaged 47 pounds of butterfat per month.

"About this time he decided to go into purebreds. The grade Guernseys were sold for \$120 per head. There were several grade Jerseys that were just as good producers as the grade Guernseys, but had to be sold for \$71 per head."

The individual records of some grade Guernsey cows may be of interest. Elizabeth A., a grade sired by Coralman 3193, was dropped in May, 1895, and dropped her calf in 1897. Her record for eleven years was as follows :

Year	Pounds milk	Pounds butter
1897	5,687	268
1898	7,750	400
1899	9,775	479
1900	9,400	504
1901	10,396	520
1902	9,713	554
1903	9,719	531
1904	10,247	571
1905	7,927	378
1906	9,740	539
1907	8,032	400
Totals	98,377	5,145
Averages	8,943	467.7

These records are from January to January. One year she calved in September and did not drop another calf for a year and a half, and in 12 months she gave over 12,000 pounds of milk and 605 pounds of butterfat, equal to 705 pounds of butter. She was owned by H. D. Griswold, La Crosse, Wisconsin. Mr. Griswold has had many grade Guernsey cows make over 500 pounds of butter per year, and many years the return from the creamery has been well over \$100 per cow.

The Jackson Farmers' Club of Duluth, Minnesota, in the spring of 1913 organized what they called a Grade Guernsey Production Register. In this association records made in regularly organized cow testing associations are recognized, and no animal is admitted to the registry that has not completed a record of at least 200 pounds of butterfat in a year. The progeny of admitted cows, sired by purebred Guernsey bulls, are eligible to record, also any heifer sired by a bull whose dam has recorded 300 pounds of fat or more. The registry is to be carried on in the same manner as that of purebred record associations and the initials G. P. R., standing for Guern-



Grade Guernsey cow Bessie—yearly record, 659.3 pounds butterfat.

sey Production Register, shall be prefixed to the registry number, followed by F. S., standing for Foundation Stock, if cow is admitted on record alone.

In all work connected with a registry of grades, the difficulty is to get owners to test their grade cows under conditions that would make such a register reliable and therefore possible, but without doubt great good will result when it becomes established on a working basis. Some breeders of purebred cattle fear that bred-for-production grades might restrict the demand for purebreds, on account of lower prices. There appears to be little danger of this unless the grades should prove themselves better producers than the purebreds, which is scarcely possible. For economical production of butterfat or for the highest class of market milk, the Guernsey grade is the ideal cow for the average dairyman.

The demand for grade Guernsey cows far exceeds the supply, and I have known many of them to sell in every part of the United States the last year or two up to \$150 each, and several for from \$200 to \$250. I have also seen \$50 refused for grade Guernsey calves six months old, and yearling heifers frequently sell for \$75 each by the carload. The grades of no other breed create such demand or bring such prices as the grade Guernsey, and this promises to be true for years to come.

Will Treleven, of Fond-du Lac, Wisconsin, recently refused \$500 for five grade heifers all under 10 months of age.

The best evidence of the productive capacity of the grade Guernsey cow is that furnished by the Wisconsin Dairy Cow Competition. While these records have been published both in a bulletin of the Wisconsin Experiment Station and in the

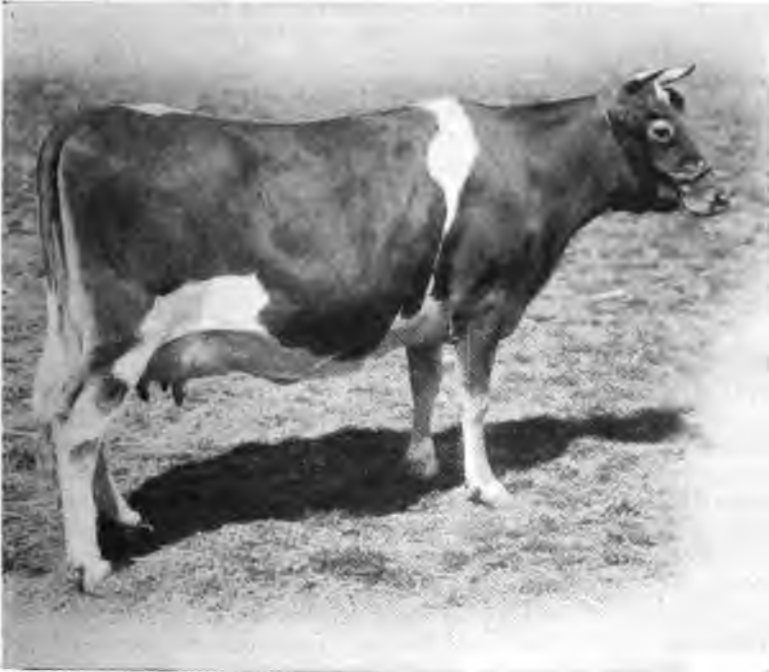


Beauty—a grade Guernsey. Yearly record, 466.5 pounds butterfat.

Guernsey Breeders' Journal, still the reader may not have them in a convenient form for reference. The results from Guernsey grades in that contest were as follows:

Records of Guernsey Grades in the Wisconsin Dairy Cow Competition, 1909-11.

Name of animal	Age		Pounds milk	Per cent fat	Pounds butterfat
	Years	Months			
Strawberry	3	11	8,073	5.15	415.5
Bessie	3	4	12,195	5.41	659.3
Favorite	4	5	12,368	4.85	600.0
Lucy	9	0	12,973	4.40	570.8
Golden Squaw	7	0	13,261	4.16	551.2
Queen	4	2	10,616	4.83	513.1
Rocker	7	4	12,395	4.06	503.8
Maude	3	3	8,153	5.98	487.1
Miss Robinson	7	8	11,715	4.09	479.7
Beauty	3	4	9,843	4.74	466.5
Nellie	2	3	8,313	4.71	391.2
Miss Susan	7	0	6,684	5.26	351.8
Glenwood R	6	7	11,517	5.29	509.6
Tessie	2	11	8,481	5.75	487.9
Fruitful	2	11	10,039	4.72	483.9
Rosie	4	0	8,538	4.44	379.0
Jerry	7	8	15,744	4.64	729.9



Tessie—a grade Guernsey. Yearly record, 487.9 pounds butterfat.

Bessie of Birchwood	11	0	11,406	4.38	500.0
May	4	6	10,010	4.33	433.8
Sue	3	9	10,476	4.18	438.1
Maggie	3	6	9,287	4.59	436.8
Miss Busse	5	6	6,478	5.01	329.6
Elsie	5	5	5,509	5.67	312.4

There were 23 grade Guernseys in this competition and they gave an average of 10,073 pounds milk, testing 4.72 per cent fat, equal to 475 pounds fat for the year. This is more than double the average annual production of the cows of any state in the union, and may be taken as an indication of what may be expected from the use of a purebred Guernsey bull in a herd of grade or common cows.

The largest record of the twenty-three was made by the half-blood cow Jerry, owned by A. N. Schmit, Appleton, Wisconsin. She was bred by Charles Breitrack of the same place, and was sired by King of Ellington 11096, a bull of Mr. Breitrack's own breeding. She was 10 years old at the time of the test. Her record for the year was as follows:

THE GUERNSEY BREED

Yearly Record of Grade Guernsey Cow Jerry.

Month	Pounds milk	Per cent fat	Pounds fat
May, 1910	1,005.8	4.94	49.687
June	1,695	3.74	63.393
July	1,655.3	3.95	65.384
August	1,603	4.39	70.372
September	1,465.1	4.45	65.233
October	1,429.3	4.29	61.317
November	1,233.9	5.34	65.890
December	1,173.4	5.40	63.364
January, 1911	945.1	5.75	54.154
February	663.4	5.82	38.610
March	926.6	5.00	46.309
April	1,462	4.65	67.983
May	485.3	3.74	18.174
Totals	15,744		729.87

I think this is the largest record ever made by a cow that calved again during the year of her test, and the largest record ever made by a grade cow of any breed, up to 1912.

Her feed for the year consisted of 1,191 pounds of Ajax flakes, 639 pounds wheat bran, 80 pounds gluten feed, 253 pounds ground oats, 682 pounds corn meal, 960 pounds soil-ing crops, 8,332 pounds corn silage, 1,374 pounds alfalfa hay, 164 pounds oil meal, 704 pounds ground barley, 604 pounds mixed hay, 1,191 pounds Unicorn dairy ration, 750 pounds beets, 20 pounds peas, 53 pounds corn stover.

At market prices this food was worth \$99.20, a feed investment that would scare many if not most dairymen, but think of the net returns at Wisconsin creamery prices for fat—\$130.35 for fat alone above cost of the feed.

The largest records made in this competition by grades of other breeds were:

	Pounds milk	Pounds fat	Net profit
Holstein	20,541	644.4	\$97.48
Jersey	9,889	554	96.47

At least three other grade Guernseys made a larger net profit than the best grade of any of the breeds. They were:

	Pounds milk	Pounds fat	Net profit
Bessie	12,195	659	\$128.79
Favorite	12,368	600	101.35
Glenwood	11,517	609.6	100.08

Bessie was but 3 years and 4 months old at the beginning of the test. These figures ought to prove to any dairyman that the grade Guernsey is pre-eminently the cow for the man whose cows must pay for their living and for his also.

A great deal of discussion has been carried on both through the press and in breeders' meetings in recent years

relative to the establishment of a register for Guernsey grade cows, with hopes of encouraging breeding along lines of production shown by the work of such cows as those that took part in the Wisconsin dairy cow demonstration. The American Guernsey Cattle Club, at the annual meeting held in May, 1913, considered the proposition of recognizing in some way such records and passed the following rules:

List of Meritorious Grade Guernsey Cows.

"1. Every animal eligible to publication in this list must be sired by a registered Guernsey bull.

"The owner must send signed statement certifying to the name and register number of the Guernsey bull who is the sire of the grade Guernsey cow submitted for entry in this list.

"Such statement shall also include the age, description and sketch markings of the animal offered and shall be on blanks prepared by The American Guernsey Cattle Club.

"When such statement is filed with The American Guernsey Cattle Club, the cows thus described shall be tested in a similar manner to the cows for the Advanced Register.

"2. The records must be supervised and authenticated by state agricultural experiment stations or colleges, and made under conditions substantially similar to those in effect in the Advanced Register of Guernsey cattle.

"3. Records made in regularly authorized cow testing associations may be accepted, with the approval of the Advanced Registry committee, where they are recognized by an agricultural experiment station.

"4. The requirements shall correspond in all respects to those in effect in the Advanced Register regarding the amount of butterfat.

"If a record is commenced the day the animal is two years old, or previous to that day, she must produce within one year from that date 250.5 pounds butterfat. For each day the animal is over two years old at the beginning of her year's record, the amount of butterfat she will be required to produce in the year will be established by adding .1 (one-tenth) of a pound for each such day, to the 250.5 pounds required when two years old. This ratio is applicable until the animal is five years old, when the required amount will have reached 360 pounds which will be the amount of butterfat required of all cows five years old or over. These yearly standards are based upon one complete year's record from the time of beginning, regardless of the time lost by being dry or calving during that period, should such be the case.

"5. All expense in connection with the supervision of the test shall be borne by the owner of the cow, and there will be no charge by The American Guernsey Cattle Club for the entry and publication of such record, after same has been approved.

"6. That the list shall be under the general supervision and direction of the executive committee, who shall have power to make such rules and regulations as may be necessary to carry out the object of this resolution."

Up to this date very few cows have been entered under these rules, but it is to be hoped that this work can be combined with that of the cow testing associations and the merit of the grade Guernsey be demonstrated to an even greater extent than it has been up to this time.

Guernsey grade herds under test in different cow testing associations are in almost every instance leading all other grade herds in yearly butterfat production and profit. The following figures showing the results of the East La Crosse County Cow Testing Association, published June 12, 1914, will be of interest:

The East La Crosse County Cow Testing Association has completed a year's testing. Many cows have proved themselves worthy of attention, and the testing, by disclosing the poor cows, has helped to take the curse off others of the same herd.

The five herds in the test association having the best production records for the year are as follows:

1. Elmer Smith, 7 grade Guernsey cows—average production, 341.1 pounds butterfat.
2. Joseph Jones, 12 grade Guernsey cows—average production, 324.5 pounds butterfat.
3. E. D. Miller, 18 grade Guernsey cows—average production, 316.8 pounds butterfat.
4. Sherman Dudley, 22 grade and purebred Guernsey cows—average production, 301.5 pounds butterfat.
5. Alfred E. White, 25 grade Guernsey and Durham cows—average production, 296.6 pounds butterfat.

The cow having the highest butterfat production for the year is owned by Sherman Dudley. She produced 433.2 pounds of butterfat from 9,507 pounds milk, and returned \$3.40 for every dollar expended for feed.

The most economical producer is owned by H. D. Lovejoy. This cow returned \$4.66 for every dollar's worth of feed consumed, producing 415 pounds butterfat from 9,204 pounds of milk. Mr. Lovejoy also has another cow that returned \$4 for each dollar's worth of feed, producing 342 pounds of butterfat from 6,683 pounds of milk.

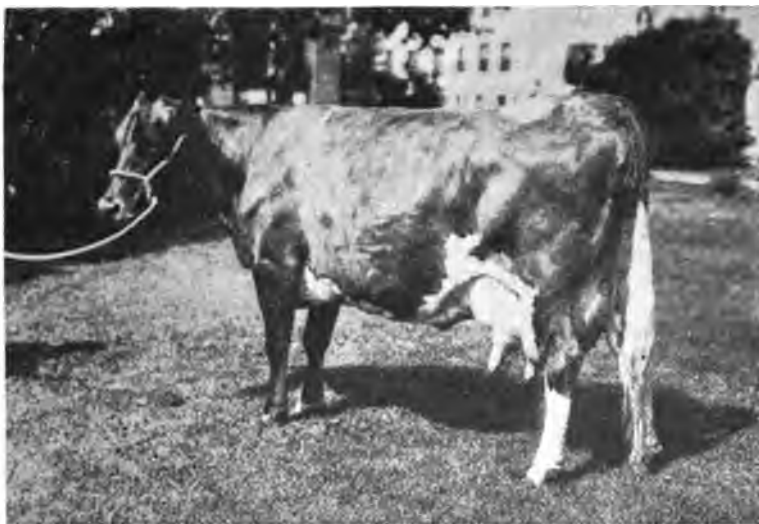
Victor Stiehl, of Albert Lea, Minnesota, has for several years led all cow testing associations with his grade Guernseys. The tester in charge of the cow testing association at Scandinavia, Wisconsin, reported that 72 cows under test in that association produced during the month of May, 1914, over 40 pounds fat each, a large proportion of the cows being grade Guernseys. The best cow made over 82 pounds fat and was, of course, a Guernsey grade.

The figures published in June, 1914, of the work of the cows at Island Farm, Island, Minnesota, owned by H. M. Hartley, of Duluth, are instructive. The following extract

from the published report brings out another enviable record for the grade Guernsey.

The herd is composed, in the main, of purebred and grade Guernseys, but includes 16 purebred Holstein-Friesian cattle. These are all housed in the big 200-foot barn in which stand 152 head in steel and concrete stalls.

Following are the averages in milk production, stated in pounds, roughly speaking, a pint to the pound.



Grade Guernsey cow Polander. Yearly record, 16,286.1 pounds milk; 844.8 pounds butterfat. Owned by Montana State College of Agriculture.

Average milk production for the year just closed, including in every case every animal having completed a year's work, from first calf heifers to aged cows :

Purebred Guernseys (all records official).....	8,919.25 pounds
Grade Guernseys	7,354.59 pounds
Grand average entire purebred and grade Guernsey herd..	8,018.38 pounds
Purebred Holstein-Friesians	10,418.22 pounds
Grand average entire milking herd.....	8,486.64 pounds

It was only a few years ago that a 5,000-pound cow was a reasonably high mark to pull for in this section, but the Island farm now shows a grand herd average 3,486.64 pounds above that mark.

During the last year only two animals in the herd have made less than 6,000 pounds of milk, the records of these two being, respectively, 5,756.2 and 5,007.3 pounds.

One of the farm's grade Guernseys, Lady Jane, made last year over seven tons of milk, to be exact 14,269.1 pounds, testing 4.32 per cent butterfat, yielding a total of 616.43 pounds butterfat or the

equivalent of 744.71 pounds of commercial butter, more than two pounds of butter per day for 365 consecutive days.

These results have been made possible by the most careful selection of foundation stock, and the use during the last 10 years of only purebred herd sires of note, backed by great production records.

The record of the grade Guernsey cow, Polander, made at the Montana Agricultural College, is worthy of particular note.

Regarding the above grade cow, Prof. G. L. Martin of the Montana State College of Agriculture and Mechanic Arts located at Bozeman, Montana writes: "This cow is one we purchased from a shipment that came from Minnesota so we do not know anything about her breeding, but we know she has been a wonderful cow. She made good records from 1908 to 1911, but she freshened in April, 1911, and continued in milk nearly three years before she freshened again. We have her records for the first two years. The first year after freshening she made in 365 days the following record: 16,286.1 pounds of milk and 844.8 pounds of butter-fat. She freshened again in July, 1915, and this is her picture when she freshened the last time. In the past six months she has made the following records:

	Pounds milk	Pounds fat
August	1,815.1	87.76
September	1,662.0	82.37
October	1,461.5	71.25
November	1,327.1	70.55
December	1,118.1	57.63
January	1,085.9	66.07
Total	8,469.7	435.63

"We are not expecting such a high record from the cow this time but, if she continues the way she is starting out, she promises to make a very fair record for this year. I will be glad to furnish further information relative to this cow at any time."

Another good record made by a Guernsey cow is that of a cow owned by C. J. Hinds, of Springfield, N. Y. She was seven-eighths Guernsey and produced in a year 13,388 pounds milk and 753.4 pounds butterfat.

Not all dairymen can become breeders of purebreds, which is self-evident from the limited supply; but every farmer with a herd of good cows, whether native or grades of some other breed, can in five or six years' time breed a herd of grade Guernseys that will not only yield profitable creamery returns, but also a large revenue through the sale of surplus stock.

CHAPTER XIII.

Feeding and Care of Cows for Record Making

It has seemed wise to me to have a chapter in this History of the Guernsey Breed on the feeding and care of cows for making records, and I asked R. G. Murphy, who was for five years in charge of the Anna Dean Farm, at Barberton, Ohio, to write such a chapter. Mr. Murphy was very reluctant to do this, but finally, in co-operation with Carl Gockerell, who was responsible with Mr. Murphy for the records made at the Anna Dean Farm, they prepared the following. The large number of large records made at the Anna Dean Farm attests the fact that they know what they are talking about.

In discussing the subject of the feeding and care of the Guernsey cow one may properly begin with the feeding and care of the dam of the unborn calf.

Brief mention is made here of the importance of knowing that not only the general health of the cow is good at the time of conception but that the generative organs are in a healthy condition.

The cow having been bred she should have an abundance of feed of a kind that will stimulate a large and persistent milk flow, as it is believed that the tendency toward large production at the pail may be strengthened, in the case of the embryo calf, by proper feeding of the dam during her period of gestation.

Feed the pregnant cow, therefore, in such a manner as will induce a large and persistent milk flow during her entire period of lactation. She should be kept in full, though not increasing, flesh until the time arrives when she should be turned dry preparatory to next freshening. While dry she should be fed such an amount of feed as will bring her to a high degree of flesh by a week before the date of birth of the calf.

Cows very frequently accept the service of the bull several weeks, even, after they are in calf, and this leads to confusion as to the date when she may calve. In a case of this kind and where the cow has not been turned dry in time, give her sufficient feed to meet the requirements of the unborn calf and also to keep up her milk flow. Experience shows this to

be a better practice than an attempt to force the cow dry by partial starvation or the use of feed stuffs unsuited for milk production. Not only will the cow produce more heavily when she again freshens, but the calf will be stronger and more vigorous at birth.

For the dry cow, feeds rich in protein and bone-forming material are required. While feed stuffs rich in carbon will produce as high a degree of flesh and at a lower cost than will the proteins, yet the resulting feverish condition of the cow and the weak condition of the calf make their use during this time undesirable. The following mixture, in addition to hay and silage, is advised: three parts wheat bran, two parts ground oats, one part hominy meal or corn meal, one part oil meal (old process) and three parts "Ajax" flakes or corn 3 D grains. The use of gluten feeds is to be avoided at this time on account of their tendency to cause udder troubles. Whenever obtainable, fresh roots should form part of the daily ration. Failing to secure them, one may resort to beet pulp, either fresh or the dried pulp soaked in water. The proper use of either will overcome the tendency toward constipation and fever natural to the dry cow, especially during the winter season. Molasses is especially good for adding flesh rapidly and also acts as a mild laxative.

As soon as the cow's udder begins to show a feverish condition, change the feed to two parts wheat bran, two parts ground oats, and one part oil meal, and continue the use of roots or dried beet pulp. No cow should receive over five pounds daily of grain during the week preceding freshening. If a tendency toward constipation exists, give daily a moderate physic, using one and one-half to two pounds of glauber salts to which one teaspoonful of hyposulphite of soda has been added.

It is assumed that a record of the service date has been kept, and knowing the date of expected freshening the caretaker should be on hand to render the cow any necessary aid. A wrong presentation or an especially large calf will make assistance necessary. In the case of prolonged labor or scant secretion, inject into the vagina a pint of raw linseed oil. This will be found a great aid toward quick delivery.

During the first week following freshening continue the use of the same feed mixture as advocated for the week preceding calving. To aid in an early expulsion of the placenta the feed should be steamed for two hours before feeding and slightly warmed water should be placed at her disposal. The

use of cold water at this time may result in retention of the afterbirth.

Bring the cow to full feed gradually. Begin with about 10 pounds of silage per day in addition to all the good hay she wants. To this add not to exceed four to five pounds of grain daily, and increase at the rate of two-tenths to three-tenths of a pound per day until she is on full feed, which will be at the end of four to five weeks. On account of too heavy grain feeding soon after freshening a large number of cows fail to show the best work of which they are capable. The fat accumulated while the cow is dry carries her over the first few weeks following freshening in fine condition without the addition of much grain to the ration.

If the cow is to be entered for a yearly record it is a matter of the utmost importance that she be supplied with hay of the very best quality obtainable, if the best results are desired. The hay should be soft, full of leaves, fine of stem, and cured without having been wet. Where hay has been exposed to one moderate rain a very large proportion of the most digestible part of its constituents is lost. The second cutting of alfalfa is much to be preferred to any other form of roughage. Good hay is the most important part of the ration. No grain of any kind or in any amount in the absence of good hay will cause the cow to produce the best results at the pail. Far too little importance is made of this point by the average writer or feeder. Experience has shown time after time the importance of this part of the ration, and it is desired here to make this point especially emphatic.

Feed hay often and in small amounts, only so much at a time as the cow will consume and with evident relish. From hay of good quality the cow not only secures a large amount of nutriment but on account of its palatability she is induced to eat a relatively large amount of it. This when mixed with the grain in the stomach forms a loose, porous mass through which the digestive juices pass readily. Again the relatively large proportion of roughage in the stomach makes the raising and rechewing of the food necessary, resulting in a large flow of saliva, so essential in the process of digestion.

The silage should be made from well-matured corn rich in grain. In the case of both silage and hay it is not only positively useless but actually a hindrance to good work when the cow is required to work over a large mass of material lacking in nutriment.

The use of roots is especially advised for the large pro-

ducer. They are valuable not so much on account of the nutriments they contain as on account of their good effect on the digestive tract and as an aid in maintaining a keen appetite. In the absence of roots fresh beet pulp or dried pulp may be substituted. The latter should be soaked with water for 12 hours before feeding.

Should the cow show a too rapid loss of flesh, finely ground corn meal may be substituted for part of the grain allowance (the amount to be determined by the condition of the cow), to which may be added up to three pints daily of molasses.

In planning the grain ration, the recognized feeding standards are to be used merely as a guide, which is all that is claimed for them. Especially in the case of the large producers, a ration conforming to a certain feeding standard may be well suited to the requirements of one cow and be utterly unsuited to another of a different temperament. The feeder can determine only by experience the grain mixture on which the individual cow will yield the maximum results at the pail.

Having a variety of grains at his disposal, the feeder's problem of determining the best grain mixture for each cow is greatly simplified, and the chances of the cow's tiring of her feed are greatly reduced.

Prices and availability of foodstuffs vary to such an extent in different parts of the country that it is useless to suggest here any certain grain mixture. Good grain mixtures may be composed from so many different foodstuffs and in such a variety of proportions that it makes but little difference what grains are used so long as bulkiness, comparative freedom from indigestible fiber, and palatability are secured in the ration. The matter of palatability is important since upon it depends the amount which the cow will eat with a relish.

The milk flow can be materially increased by wetting the feed.

In securing the best results it is very important that particular attention be paid to keeping up a heavy and persistent milk flow. Nothing can be fed that will influence the percentage of fat in the milk, and it is only by securing a large milk production that great records can be made.

For the successful making of a large record quite as much depends upon the man who milks the cow as upon the man who feeds her. By proper manipulation of the udder the skillful milker can induce the cow to produce the last ounce of milk of which she is capable and also to maintain a persistent

flow throughout her period of lactation. In a herd in which there are several milkers, each of which is apparently equally skillful, it may be found by experiment that a certain cow will produce more for one milker than for another. This refers to the percentage of fat in the milk rather than to the quantity of milk. The difference may probably be best explained by the fact that the cow has a greater fondness for one of the men than for the other. It is a safe statement to make that, in the case of every cow that has made a large record, she was much attached to the man or men who milked and fed her.

The milk production of practically any Guernsey cow that has been confined in a stanchion and is producing 40 pounds or above of milk per day can be increased by from two to three pounds daily by giving her the liberty of a box stall. This is especially true in the case of the large, heavy cow, and also in winter when the cow gets but little exercise.

Intelligent and persistent effort, the habit of close observation, and a natural love for the business are the human qualities most essential to the largest measure of success.

R. G. MURPHY.

CHAPTER XIV.

Guernsey Families

I have frequently, in public addresses and in articles I have written, bemoaned the fact that there were so few Guernsey families and so little effort being made to found families of the breed. With more careful study of the families of the breed and of the conditions concerning families in other breeds, I have come to believe that one of the factors that is doing the most to develop the Guernsey breed at this time is the fact that a good animal of the Guernsey breed is more largely sought after, regardless of its breeding, than good animals of almost any other breed. This, I am sure, is an element of strength.

While there are many people advertising animals of this or that family for sale, they frequently carry less than 10 per cent of the blood of the family claimed, and very often much less than that. While some breeders are carefully line-breeding some families with most excellent results, the bulk of the breeders are now after good ones, regardless of their breeding.

In going over the list of class leaders, as given in the Journal for May, 1916, I think one would be surprised to see how few of the bulls that have been known as great show bulls or bulls of a particular line of breeding, and have, therefore become famous, have sired any of the class leaders. To illustrate this point, I have taken what are probably 20 of the best known bulls of the breed, and this list is as follows: Governor of the Chene, Masher's Sequel, Benjamin, Lily's Bonny Boy, Yeksa's Prince, Prince Rosendale, Guernsey Champion, Sheet Anchor, Yeoman, King of the May, Lord Mar, Coralette's Son, France's Masher II, Mainstay, Golden Secret, May Rose King, Galaxy's Sequel, Glenwood Boy of Haddon, Golden Noble II, Raymond of the Preel.

Of this number, only four have sired animals that are in the class-leader list. These are Yeoman, that sired Dolly Dimple, that appears three times in the list; King of the May, that sired Langwater Hope, Langwater Princess and Langwater Dorothy; Golden Noble II, that sired Princess of the Blicqs and Selby; and Glenwood Boy of Haddon, that sired Dairymaid of Pinehurst, that appears twice in this list.

What are perhaps the most-talked-of bulls of the breed are Masher's Sequel, Governor of the Chene, Prince Rosen-

dale and Lord Mar, that do not have a single one in the class leaders.

I realize that so many other things enter in that it is difficult to judge which would be really great sires. For instance, Masher's Sequel, while he does not have a daughter among the class leaders, and has never sired a single cow with a record of over 700 pounds fat, nevertheless has 63 daughters in the Advanced Register out of a total of 79 registered, while some other bulls that have had an unusually good chance, both in the character of the cows they were used on and the opportunities of their daughters, have proven to be poor sires, when judged by the production of their daughters, even though they may have one daughter among the class leaders.

I shall, in the following tables, attempt to classify some of the A. R. cows of the breed as descendants of certain animals to which we give the names of families. Oftentimes it will be found, however, that the animal that is given as a descendant of Glenwood Girl or May Rose, or any other family, may actually have considerably more blood of several little-known families. I have arranged these families (if we may call them such) alphabetically, to avoid any suspicion of favoritism. These tables do not purport to be a complete list of all the Advanced Register descendants, because bulls that have but a single Advanced Register daughter are omitted, but all are equally complete. I include, also, the descendants of some individual cows, which while they cannot be said to have founded families, have yet proven themselves progenitors of large numbers of A. R. animals. These tables will make it possible to trace the relationship of very many animals of the breed. These lists will include the records of some cows that have been completed, but to which A. R. numbers have not yet been assigned, and, in some cases, the records may be subject to very slight revision before final publication.

In these tables each generation, one further removed from the original ancestor, is placed three points further to the right in the table; as an example, in the first table, showing the descendants of Bonny Lassie of Fernwood, Sweet Marie is a daughter of Murne Cowan, she being a daughter of Fantasia's Jeweler, he a son of Lily Ella's Jeweler, he a son of Lily Ella, and she a daughter of Lily's Bonny Boy, which would place Sweet Marie 15 points to the right of Lily's Bonny Boy, or five generations, and this is as far as I have deemed wise to attempt to carry the tables.

Imported Bonnie Lassie of Fernwood 1485.

Bonnie Lassie of Fernwood 1485, A. G. C. C., was No. 1181 G. H. B. on Guernsey, was bred by D. O. Le Patourel, and was dropped January 14, 1883. Her tabulated pedigree will be of interest as showing how strong she was in the blood of the bull, Vauquiedor 40, F. S., that won first prize over the Island in 1867 and 1868.



Imp. Bonnie Lassie of Fernwood 1485.

Her dam, Bonnie Lassie I, was said by her Island owner, D. O. Le Patourel, to be "the best cow he ever owned," and is credited with being a 25-quart cow. Her son, Excelsior VII, a full brother of Bonnie Lassie of Fernwood, sired Belle of the Hill II 3656, with a milk record of 6,239½ pounds in the Ellerslie herd; and her sons, Bonnie Laddie 468, P. S., and Bonnie Laddie II 630, P. S., were used quite largely on the Island, the former siring many good cows, among them Honoria IV 5989, A. G. C. C., with a record of 9,589 pounds milk and 455.87 pounds fat in the Florham herd.

Bonnie Lassie of Fernwood was imported to Boston in September, 1883, by L. W. Ledyard, and shortly after sold to Wm. Paul, Moorestown, N. J. Her first calf, Bonny Boy 1097, was dropped April 27, 1885, and it is through this son that most of the fame of the family has come. She proved to be an exceptionally good milker and milked 16 quarts per day when fresh, testing 25 per cent of cream. In 315 days she milked over 8,000 pounds and was still milking 22 pounds per day at the end of that time. As a four-year-old, in the 257 days from August 15th to May 1st, she milked 7,191 pounds and was still milking 30 pounds when sold and shipped west.

Her son, Bonny Boy, was sired by Imp. Fernwood Royal 645, a son of Countess of Fernwood, 14 pounds 12 ounces butter in seven

<p>Excelsior V 11, P S... 2d prize, 1882.</p>	<p>Excelsior IV 12, P. S.</p>	<p>Sir Stafford I 135, F. S... 4th prize, 1878.</p>	<p>Excelsior I 42, F.S. 3d prize, 1873. 2d prize, 1874. 1st Prix Douglas, 1875.</p>	<p>Fair Lad 7, F. S.... Fair Lass.</p>	<p>Vauquiedor 40, F. S. Fair Lass.</p>
		<p>Elegante 592 3d prize, R. G. A. S., 1880. 1st prize, H. B. S., 1880. 1st prize, all breeds, N. Y. State Fair, 1881.</p>	<p>Excelsior I 42, F. S. 3d prize, 1873. 2d prize, 1874. 1st Prix Douglas, 1875.</p>	<p>Fair Lad 7, F. S. Fair Lass.</p>	<p>Vauquiedor 40, F. S. Fair Lass.</p>
		<p>Excelsior II 8, F. S... 3d prize, 1878.</p>	<p>Marguerite</p>	<p>Fair Lad 7, F. S. 2d, 1870. Prix Douglas, 1871. I. C. 9, E. J. 1871.</p>	<p>Vauquiedor 40, F. S. Fair Lass.</p>
			<p>Excelsior I 42, F. S. 3d prize, 1873. 2d prize, 1874. 1st Prix Douglas, 1875.</p>	<p>Fair Lass.</p>	<p>Vauquiedor 40, F. S. Fair Lass. Black Prince.</p>
<p>Bonnie Lassie I 228, F. S..... 5th prize, 1878. 5th prize, 1881. 3d prize, 1882.</p>	<p>Champion 37, F. S.... 1st, 1871. 1st Prix Douglas, 1872. 1st B. & W. E., 1872.</p>	<p>Coquette 365 2d prize, H. B. S., 1880. 4th prize, R. G. A. S., 1880.</p>	<p>Excelsior II 8, F. S... 3d prize, 1878.</p>	<p>Fair Lad 7, F. S.... Lucy</p>	
		<p>Fleurie Vauquiedor 40, F. S... 4th R. G. A. S., 1866. 1st Prix Douglas, 1867. Champion, 1868.</p>	<p>Cornucopia 18, F. S. 1st prize, Ozanne, 1879. 2d prize, 1877.</p>		
		<p>Topsy 2d prize.</p>			
	<p>Bonnie Lassie</p>				

days, and said to be one of the best cows yet imported; so that Bonny Boy had good blood on both sides.

Very few of the daughters of Bonny Boy ever had a chance to be tested. Coralie of Ridgeview 5926 made 334.12 pounds fat from 8,085.1 pounds of milk, commencing at 11½ years of age.

Bonny Gift 3912, a daughter of Bonny Boy, owned by N. K. Fairbank, calved when 2 years and 7 months old, and in 375 days gave 9,158 pounds and 1 ounce of milk, giving up to 38 pounds and 7 ounces per day. She was sold to a Chicago man for a family cow, and both she and her daughter proved to be exceptionally good cows.

Another daughter of Bonny Boy, Bonnie Lassie of Fairview



Coralie of Ridgeview 5926—334.12 pounds fat from 8,085.1 pounds milk, commencing at 11½ years of age.

6002, was selected by the committee as worthy to be taken to Buffalo for use in the Pan-American test, though she was 13 years old. She did not do well enough to go into the test but was a very good cow. She was the dam of Henry of Fairview 6962, that sired Jessie of Maple Lane 23457, A. R. 1706 A, 595.2 pounds fat. Many of Bonny Boy's other daughters are spoken of very highly by those who owned them. It is through his sons, however, that Bonny Boy is best known.

Lily's Bonny Boy was sold when a yearling to N. K. Fairbank, Lake Geneva, Wis., and Mr. Lawrence, his superintendent, says he did not take a particular fancy to the bull, as he was rather small and a little beefy. He was used extensively in this herd from 1891 to 1897, spending his whole life there except one season, when he was rented to Walter Hatley, of Lake Beulah, Wis. Bonny Boy's sons with their descendants are as follows:

	Year's record
Lily's Bonny Boy 2676, A. R.	
sire of	
Lily Ella 7240; semi-official record.....	782
dam of	
Lily Ella's Jeweler 5417, A. R.	
sire of	
Fantinelily 14898, A. R. 439, E.....	311.27

dam of		
Fantinelilly's Glenwood Boy 9508		
sire of		
Loie Lenfesty 26383, A. R. 988, F.....	407.58	
Christie's Combination 14651, A. R.		
sire of		
Marietje 29752, A. R. 1846, F.....	439.20	
Logero Lenfesty 29755, A. R. 1847, F.....	385.13	
Estudilla 29753, A. R. 1859, F.....	404.96	
Princess Pourquoi 27207, A. R. 1860, F.....	333.50	
Lilac Lenfesty 31182, A. R. 1858, G.....	294.06	
Marenema 27205, A. R. 1571, F.....	308.85	
Lady Pamela 27206, A. R. 1633, F.....	384.06	
Fredegonda 30512, A. R. 3933, A.....	538.30	
Lucretia Lenfesty 29758, A. R.....	467.17	
Jeweller's Daisy 14612, A. R. 450, D.....	313.85	
Margaret of Linden 16078, A. R. 665, C.....	400.98	
Margaret of Linden 16078, A. R. 665, A. (re-test).....	526.35	
Lindenora 12754, A. R. 711, A.....	379.01	
dam of		
Lady Genora 20694, A. R. 918, G.....	396.40	
Endymion 8916, A. R.		
sire of		
Yeksa Sunburst 22576, A. R. 1024, G.....	334.20	
Yeksa Sunburst 22576, A. R. 1024, A. (re-test).....	581.24	
Yeksa Sunburst 22576, A. R. 1024, A. (re-test).....	540.46	
Katharine Parker 20002, A. R. 1025, E.....	483.82	
Marie B. 21505, A. R. 1039, F.....	345.56	
Marie B. 21505, A. R. 1039, C. (re-test).....	360.36	
Marie B. 21505, A. R. 1039, A. (re-test).....	430.71	
Endymion's Primrose 23795, A. R. 1229, G.....	394.42	
Endymion's Primrose 23795, A. R. 1229, C.....	656.71	
Endymion's Primrose 23795, A. R. 1229, A. (re-entry).....	848.88	
Sundew of Snowdoun 25229, A. R. 1317, G.....	269.62	
Sheila of Snowdoun 25228, A. R. 1318, G.....	317.82	
Kathrene Yeksa 26271, A. R. 1622, G.....	269.66	
Litago 31555, A. R. 1890, F.....	488.56	
Champion Belle 28954, A. R. 2384, E.....	469.24	
Dorothy of Helendale 28955, A. R. 2948, C.....	481.76	
Endymion's 26841, A. R. 2980, F.....	474.34	
Laughing Water 37105, A. R. 3586, F.....	418.61	
Endymia 35450, A. R. 3956, D.....	592.63	
Marquette 16510, A. R.		
sire of		
Marquette's Frau 40977, A. R. 4298, F.....	414.15	
Marquette's Kanin 44923, A. R.—G.....	421.30	
Augusta's Lily 16912, A. R. 759, C.....	365.72	
My Lady Proud 20190, A. R. 1230, D.....	412.50	
My Lady Proud 20190, A. R. 1230, A. (re-test).....	451.61	
My Lady Proud 20190, A. R. 1230, A. (re-test).....	606.79	
dam of		
Dollyproud 27411, A. R. 1679, G.....	262.69	
Yeksaproud 36115, A. R. 3710, E.....	382.42	
Esquire of Linden 6673, A. R.		
sire of		
Katherine Linden 14426, A. R. 459, E.....	389.29	
Chelly Glenwood Linden 16966, A. R. 467, G.....	330.52	
dam of		
Chelly's Galore 25929, A. R. 1569, G.....	281.36	
Masher's Baby Glenwood 24778, A. R. 1420, F.....	421.37	
Linden's Young Polly Vrangue 18630, A. R. 551, G.....	371.10	
Linden's Young Polly Vrangue 18630, A. R. 551, A. (re-test).....	422.43	
Linden's Young Polly Vrangue 18630, A. R. 551, A. (re-test).....	381.90	
Linden's Glenwood Melvina 18736, A. R. 558, G.....	342.86	
Chelly Glenwood of Harbor Hill 22832, A. R. 1381, C.....	360.21	
Belle Vernon's Jeweler 9306, A. R.		
sire of		
Cottina 21530, A. R. 964, F.....	327.56	
Cottina 21530, A. R. 964, A. (re-test).....	550.47	
Cottina 21530, A. R. 964, A. (re-test).....	703.59	
Stella's Favorite 22816, A. R. 1509, E.....	454.08	
Stella's Favorite 22816, A. R. 1507, A. (re-test).....	568.69	

Belle Vernon's Belle II 24277, A. R. 1680, E.....	482.91
Kathleen's Lily Ella 23467, A. R. 1682, D.....	464.14
Blue Belle of Belle Vernon 25988, A. R. 2247, C.....	452.73
Lena Belle 23702, A. R. 2249, B.....	636.12
Belle Vernon's Daisy Belle 21438, A. R. 2277, A.....	509.66
Belle Vernon's Daisy Belle 21438, A. R. 2277, A. (re-test)	527.12
Princess Corinna 21531, A. R. 2540, A.....	449.53
dam of	
Princess Corinna II 25991, A. R. 1511, G.....	394.88
Princess Corinna II 25991, A. R. 1511, D. (re-entry)...	452.26
Princess Corinna III 29987, A. R. 2473, E.....	462.20
Cilmaenen's Jeweler 9939, A. R.	
sire of	
Park's Isabella 24019, A. R. 1388, F.....	389.37
Park's Isabella 24019, A. R. 1388, A. (re-test).....	568.45
Park's May 24020, A. R. 1390, F.....	424.13
Olea's Girl 26227, A. R. 1719, E.....	436.88
Augusta's Jewel 26226, A. R. 2168, C.....	363.50
Imogene's Jeweler 8249, A. R.	
sire of	
Latta's Queen 19151, A. R. 649, G.....	481.70
Latta's Queen 19151, A. R. 649, A. (re-test).....	450.25
La Reine's Ideal 23981, A. R. 1254, C.....	341.89
Fantasia's Jeweler 7259	
sire of	
Murne Cowan 19597, A. R. 1906, A.....	845.41
Murne Cowan 19597, A. R. 1906, A.....	1,098.18
dam of	
Sweet Marie 25151, A. R. 1803, E.....	682.86
Lily Ella Glenwood 22104	
dam of	
Contrafuria 29090, A. R. 1854, G.....	534.14
Lilyett 33416, A. R. 2485, G.....	430.94
Jeweller's Fantine 14714	
dam of	
Lilly Glenwood 17834, A. R. 1592, A.....	639.98
Reputation of Portage 10695, A. R.	
sire of	
Alma Ethel 33964, A. R. 2707, G.....	495.39
Cinderella Josephine 34500, A. R. 2709, G.....	529.81
Sicelica Pearl 34379, A. R. 2666, G.....	422.30
Mandagay 33367, A. R. 4012, D.....	382.09
Cordella 34378, A. R. 2823, G.....	350.40
Mabel Olive 33963, A. R. 2825, G.....	439.98
Mauley 23526	
dam of	
Cordella 34378, A. R. 3833, G.....	350.40
Craday Lehigh 39588, A. R. 3833, G.....	449.75
Lily Ella's Squire 6597, A. R.	
sire of	
Squire's Adeline 21945, A. R. 982, G.....	309.12
Squire's Dora 21947, A. R. 983, G.....	388.73
Squire's Dora 21947, A. R. 983, E. (re-entry).....	352.71
Squire's Zela's Rose 27447, A. R. 1490, G.....	334.58
Squire's Zela's Pride 27443, A. R. 1621, G.....	363.37
Squire's Helas of Richmond 27454, A. R. 1766, G.....	425.99
Ella's Frau of Spring Brook 29481, A. R. 1767, G.....	437.03
Squire's Frau of Richmond 27446, A. R. 1768, G.....	281.57
Squire's Glenwood's Etta 27456, A. R. 1769, G.....	402.79
Squire's Glenwood's Etta 27456, A. R. 1769, B. (re-test)...	483.55
Seguro 31332, A. R. 2034, G.....	368.35
Squire's Marzo 31320, A. R. 2036, G.....	359.77
Lily Ella's Maid of Richmond 27453, A. R. 2708, C.....	515.38
Squire's Laurel of Richmond 27448, A. R. 2831, C.....	423.73
Squire's Dido's Daisy 29480, A. R.—A.....	394.88
Linden's Daisy 16121	
dam of	
Seguro 31322, A. R. 2034, G.....	368.35
Gana 35313, A. R. 2706, G.....	390.05
Captain Knias 10289, A. R.	
sire of	
Doris of Elmside Farm II 23914, A. R. 1449, F.....	351.74

Captain Knias's Frau 26003, A. R. 1747, F.....	414.66
Gold Tip 7332, A. R. sire of	
Bonny Deanie 17086, A. R. 496, F.....	331.03
Bonny Deanie 17086, A. R. 496, A. (re-test).....	656.09
dam of	
Sultan's Bonny 25396, A. R. 1147, G.....	478.98
Bonny Deanie 2d 29767, A. R. 2425, F.....	553.73
Couture Lily 17087, A. R. 1076, A.....	517.03
Lilyta 7241 (semi-official record).....	710.00
dam of	
Golden Morning 6708 sire of	
Mernalette II 14731, A. R. 346, F.....	485.00
Mernalette II 14731, A. R. 346, A. (re-test).....	555.38



Starlight of Geneva 9183, A. R. 536, A.—570.32 pounds fat in a year.

Mernalette II 14731, A. R. 346, A. (re-test).....	664.53
Mernalette II 14731, A. R. 346, A. (re-test).....	533.19
dam of	
Mernie of Rosendale 18340, A. R. 658, G.....	326.86
Selmalette 30554, A. R. 2138, G.....	346.69
Bess of Sarnia 35366, A. R. 2953, G.....	435.44
Alice of Bailey Falls 41317, A. R. 3436, G.....	457.94
Penwyn of Rosendale 11282, A. R. sire of	
Beauty of Linda 35031, A. R. 2759, E.....	384.00
Beauty of Linda 35031, A. R. 2759, A. (re-test).....	518.22
Lindenwood Lass 34932, A. R. 3124, D.....	343.78
Beauty of Lindenwood 34015, A. R. 3125, F.....	509.82
Princess Jewel of Lindenwood 37957, A. R. 3417, G.....	436.11
Sultan's Solitaire 9905, A. R. sire of	
Goldie's Irene 28852, A. R. 1371, F.....	338.32
Grace of Pomeroy 28857, A. R. 2354, C.....	481.98
Woodlawn's Myra 28853, A. R. 3953, A.....	396.75
Fesca 7619, A. R. 83, A.....	361.47
Linnie 7242, A. R. 119, A.....	435.74
dam of	
Linnie S. 19842, A. R. 2122, A.....	388.61

THE GUERNSEY BREED

Linnaeus 4396, A. R.

sire of	
Do Zieg 11219, A. R. 75, C.....	337.53
Fes Lip 10621, A. R. 76, B.....	373.92
dam of	
Fes Lip's Luna 17233, A. R. 571, F.....	306.41
Lipamy 14688, A. R. 1521, A.....	443.73
Lip Nero 8430, A. R.	
Do Fess 11218, A. R. 120, B.....	380.40
Saturn S. 8825, A. R.	
sire of	
Jane of Brook Hill 22909, A. R. 1016, G.....	372.10
Henrietta of Genessee 24710, A. R. 1328, G.....	374.97



Starlight's Excelsior 7992, A. R.

Waller 9561, A. R. 250, A.....	533.68
Starlight of Geneva 9183, A. R. 536, A.....	570.32
dam of	
Freia 11019, A. R. 650, A.....	468.25
dam of	
Besly Farm Freia 25261, A. R. 1555, G.....	469.06
Freia of Watervliet 23174, A. R. 1064, E.....	336.42
Benton Harbor 9746, A. R.	
sire of	
Sallie of Pine Meadow 31719, A. R. 2179, F.....	524.71
Bonnie Jessie of Ingleside 27893, A. R. 2991, F.....	290.29
Neanie Benton of Ingleside 27897, A. R. 3003, D.....	360.93
Benton Harbor's Violet 38377, A. R. 3597, G.....	301.95
Benton's May Queen 35915, A. R.—C.....	507.70
Grayetta Benton of Ingleside 26832, A. R.—A.....	479.23
Twilight Lonan 12484, A. R. 49, F.....	340.09
Twilight Lonan 12484, A. R. 49, A. (re-test).....	442.15
dam of	
Gloaming 21127, A. R. 950, G.....	273.82
Moonlight of Rosendale 22951, A. R. 114, G.....	263.03
Twilight of Rosendale 14899, A. R. 373, F.....	332.60
dam of	
Dawn of Rosendale 20119, A. R. 830, G.....	323.89

THE GUERNSEY BREED

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* Twinkling Star 18337, A. R. 605, G.....	292.13
Twilight's Valentine 19310, A. R. 752, F.....	318.88
Starlight's Excelsior 7992, A. R.	
sire of	
Almira 18384, A. R. 727, G.....	426.29
Fruitful 18518, A. R. 967, C.....	409.08
dam of	
Butterfield 32599, A. R. 2012, G.....	362.22
Rubaiyat 34167, A. R. 2800, G.....	431.11
Tyra 20416, A. R. 968, G.....	355.51
Bennison 18449, A. R. 969, D.....	414.62
Creator 20247, A. R. 971, F.....	401.56
Motherwell 21611, A. R. 980, G.....	457.49



Guiding Star 12423, A. R.

Custer's Belle II 21586, A. R. 998, G.....	432.47
Joy 18519, A. R. 999, C.....	411.99
Farina 18383, A. R. 1018, C.....	433.93
Annella 22082, A. R. 1054, G.....	314.52
Golden Girl 22425, A. R. 1092, G.....	332.40
Starlight's Fern 21567, A. R. 1199, E.....	339.42
Starlight's Fern 21567, A. R. 1199, A. (re-entry).....	596.07
Starlight's Fern 21567, A. R. 1199, A. (re-entry).....	583.34
dam of	
Fern's Daughter 33438, A. R. 2573, E.....	396.40
Fenella 42020, A. R. 3629, G.....	502.72
Fair Ellen 21963, A. R. 1369, E.....	414.50
Blossom of Koshkonong Place 24507, A. R. 1582, A.....	714.05
Tranquil 25730, A. R. 1646, G.....	282.74
Zena of Koshkonong Place 19719, A. R. 1755, A.....	416.36
Endeavor 24718, A. R. 1933, E.....	415.91
Hopeworth 26603, A. R. 2040, F.....	342.69
Starlight Kotelde 30885, A. R. 2162, E.....	482.43
Agnes of Oak Grove 24249, A. R. 2214, C.....	442.34
Starlight's Contrast 33439, A. R. 2521, G.....	461.61
Starlight's Contrast 33439, A. R. 2521, D. (re-entry).....	682.49
Starlight's Coley 33440, A. R. 2643, F.....	583.85

THE GUERNSEY BREED

Starlight's Coley 33440, A. R. 2643, C. (re-entry).....	639.94
Kotelde Starlight 30886, A. R. 3798, D.....	368.40
Omar 9924, A. R.	
sire of	
Gertrude of Birchwood 27360, A. R. 1732, G.....	330.30
Gertrude of Birchwood 27360, A. R. 1732, A. (re-entry)....	385.18
Gretta of Birchwood 27525, A. R. 1733, G.....	321.18
Gretta of Birchwood 27525, A. R. 1733, B. (re-entry).....	381.46
Pride of Koshkonong Place 10250, A. R.	
sire of	
Quiz of Koshkonong Place 24510, A. R. 1792, E.....	363.78



Clara K 2d 16841, A. R. 390, A.—463.62 pounds fat in one year.

Bessie of Koshkonong Place 24511, A. R. 3943, A.....	412.73
Besom 13016, A. R.	
sire of	
Martha of Lakeview 48829, A. R. 4019, D.....	403.53
Verona of Lakeview 49260, A. R.—D.....	470.38
Lalla's Lily of Lakeview 56772, A. R.—E.....	399.61
Ukiah 14344, A. R.	
sire of	
Bessie of Koshkonong Place II 38716, A. R. 3349, G.....	341.01
Iris of Prospect 44115, A. R.—G.....	288.45
Guiding Star 12423, A. R.	
sire of	
Golden Bowl Snowdoun 33341, A. R. 2161, G.....	368.28
Golden Bowl Snowdoun 33341, A. R. 2161, C. (re-entry).....	470.14
Hulda Yeksa Snowdoun 33345, A. R. 2194, G.....	283.33
Yeksamarg 27971, A. R. 2300, F.....	300.97
Lydia Snowdoun 36170, A. R. 3031, G.....	324.95
Faye Snowdoun 36173, A. R. 3032, G.....	311.56
Yeksa Opal Snowdoun 33344, A. R. 3033, E.....	364.93
Helen Snowdoun 36853, A. R. 3658, E.....	347.39
Yeksaedna 40589, A. R. 3709, G.....	295.78

THE GUERNSEY BREED

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Yeksaaproud 36115, A. R. 3710, E.....	382.42
Yeksa Sunburst II 40590, A. R.—F.....	354.08
Yeksaarose VI 44757, A. R.—G.....	525.50
Careno II 9180, A. R. 722, A.....	532.99
Lindyman 4650, A. R.	
sire of	
Belle Brandon II 16741, A. R. 229, A.....	374.69
Belle Brandon II 16741, A. R. 229, A. (re-entry).....	456.44
Belle Brandon III 16745, A. R. 345, A.....	393.42
Belle Brandon III 16745, A. R. 345, A.....	485.62
dam of	
Coral Belle 22213, A. R. 937, G.....	322.81



Electricia 9786, A. R. 359, A.—613.39 pounds fat in one year.

Belle Glenwood 30552, A. R. 1990, G.....	259.03
Belle Brandon of Sarnia 35367, A. R. 2797, G.....	340.79
Clara K. 16740, A. R. 457, A.....	412.65
dam of	
Clara K. II 16841, A. R. 390, G.....	343.58
Clara K. II 16841, A. R. 390, A. (re-entry).....	463.62
dam of	
Edith of Birchwood 22177, A. R. 1037, G.....	355.78
Gloria of Birchwood 32251, A. R. 2140, G.....	355.46
Clara K. III 17281, A. R. 533, G.....	324.47
Suzanne of Trianon 28682, A. R. 1637, F.....	300.89
Quoin III 16739, A. R. 1105, A.....	452.69
Tristan 4183, A. R.	
sire of	
Electricia 9786, A. R. 359, A.....	613.39
Lady Lavene 12896, A. R. 739, A.....	524.58
dam of	
Fruitful 18518, A. R. 967, C.....	409.08
dam of	
Butterfield 32599, A. R. 2012, G.....	362.22
Rubaiyat 34167, A. R. 2800, G.....	431.11
Lady Lavene II 16083, A. R. 737, B.....	427.61
Tristan's Royalette 16884, A. R. 863, A.....	499.51
Tristan's Cinderella 10424, A. R. 1096, A.....	454.95

THE GUERNSEY BREED

Tristan's Dora 13310, A. R. 1239, A.....	435.39
dam of	
Dora's Ada 22416, A. R. 1436, D.....	367.58
Dora's Ada 22416, A. R. 1436, A. (re-entry).....	704.25
Royaline's Dora 17375, A. R. 1380, A.....	535.27
Royaline's Dora 17375, A. R. 1380, A.....	717.31
Royal Trialette 16882, A. R. 1437, A.....	385.04
dam of	
Trislette of Sunny Valley 34120, A. R. 2531, G.....	371.83
Trislette's Derilius 9580, A. R.	



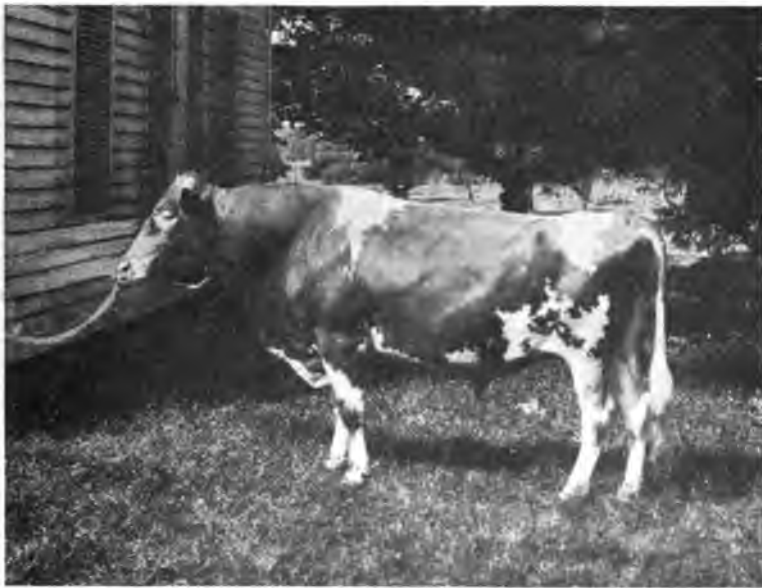
Tristan's Cinderella 10424, A. R. 1096, A.—454.95 pounds fat in one year.

sire of	
Trislette's Luetta 26074, A. R. 1097, D.....	468.77
Miss Luetta 27337, A. R. 1101, B.....	539.61
Roy Spot 29040, A. R. 1130, E.....	322.83
Trislette's Spot 18867, A. R. 1417, A.....	363.29
Trislette's Spot 18867, A. R. 1417, A. (re-entry).....	425.06
Robiline 7618	
dam of	
Robiline II 16117, A. R. 602, D.....	603.59
Captain Robbie 7146, A. R.	
sire of	
Robin of Richmond 15730, A. R. 302, G.....	410.44
Richmond Marigold 18353, A. R. 382, G.....	295.82
Richmond Robilura 18466, A. R. 391, G.....	380.33
Richmond Louanelle 19173, A. R. 444, G.....	297.50
Coralou's Lily 19229, A. R. 445, G.....	320.69
Coralou's Lily 19229, A. R. 445, A. (re-entry).....	450.05
dam of	
Lura Godiva 25243, A. R. 1241, C.....	369.95
Lura Coralily 29245, A. R. 3551, A.....	508.83
Coralura II 19228, A. R. 446, G.....	294.35
Richmond Clioletta 18821, A. R. 755, B.....	362.91
Lura Roberts 25241, A. R. 1178, C.....	359.71
Lura Maud 20372, A. R. 1545, A.....	470.09
Robillillias 19227, A. R. 1595, A.....	368.72
Captain Robbie II 8466, A. R.	
sire of	
Altina's Model 39263, A. R. 2866, E.....	317.81
Robbie's Queen 24551, A. R. 3392, A.....	493.39

THE GUERNSEY BREED

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Staraletta 41824, A. R. 3394, D.....	463.96
Golden Crest 7910, A. R.	
sire of	
Jessie May of Birchwood 18481, A. R. 560, G.....	299.62
Mernie of Rosendale 18340, A. R. 658, G.....	326.86
Quoin's Valentine 19239, A. R. 708, G.....	351.44
dam of	
Ada of Sarnia 34516, A. R. 2538, G.....	283.10
Barbara of Sarnia 38110, A. R. 3407, G.....	372.39
Yeksa of Rosendale 20117, A. R. 754, G.....	292.69
Mildred of Fern Ravine 20314, A. R. 1986, A.....	406.24



Captain Robbie 7146, A. R.

Sieg 6855	
dam of	
Graph's Princess 13037, A. R. 68, G.....	356.64
Graph's Princess 13037, A. R. 68, A. (re-entry).....	459.54
dam of	
Elvira Standard 18575, A. R. 806, F.....	343.33
Emerald Jewel 25352, A. R. 2063, E.....	381.14
Emerald Jewel 25352, A. R. 2063, B. (re-entry).....	486.04
Princess Sieg 17227, A. R. 594, E.....	300.57
Fernwood Lily's Son 3931, A. R.	
sire of	
Friesolette 21166, A. R. 1566, A.....	473.69
Emerita II 21164, A. R. 1577, A.....	599.99
dam of	
Rita Spotswood 30443, A. R. 1565, B.....	592.55
Rita Spotswood 30443, A. R. 1565, A. (re-entry).....	702.60
Governess of the Chene 30891, A. R. 2444, F.....	453.68
Governess of the Chene 30891, A. R. 2444, D. (re-entry).....	667.96
Mara 21161, A. R. 1580, A.....	438.15

Lily Emerande 21160, A. R. 1701, A.....	572.39
Golden Paula 21162, A. R. 1715, A.....	531.42
My Lady Baltimore II 21165, A. R. 1921, A.....	608.76
My Lady Baltimore II 21165, A. R. 1921, A. (re-entry).....	713.21
dam of	
Princess Baltimore 21185, A. R. 1578, A.....	510.30
Princess Baltimore 21185, A. R. 1578, A. (re-entry).....	658.79
dam of	
Susan Chene 30469, A. R. 1925, F.....	414.96
Susan Chene 30469, A. R. 1925, C. (re-entry).....	620.68
Susan Chene 30469, A. R. 1925, A. (re-entry).....	637.84
Princess of the Chene 30461, A. R. 2438, C.....	524.41
Princess of the Chene 30461, A. R. 2438, A. (re-entry).....	739.33
Princess Pomara 21189, A. R. 1913, A.....	651.98
Princess Pomara 21189, A. R. 1913, A. (re-entry).....	658.79
dam of	
Governor's Princess Pomara 32094, A. R. 2729, F.....	518.96
Julie of the Chene 30460, A. R. 2752, B.....	827.26
Julie of the Chene 30460, A. R. 2752, A. (re-entry).....	953.53
Governor's Lady Baltimore 33378, A. R. 2470, G.....	395.63
Lucinda Chene 30470, A. R. 3856, A.....	565.44
Pomara's Fernwood Boy 9621, A. R.	
sire of	
Princess Baltimore 21185, A. R. 1578, A.....	510.30
Princess Baltimore 21185, A. R. 1578, A. (re-entry).....	658.79
dam of	
Susan Chene 30469, A. R. 1925, F.....	414.96
Susan Chene 30469, A. R. 1925, C. (re-entry).....	620.68
Susan Chene 30469, A. R. 1925, A. (re-entry).....	637.84
Princess of the Chene 30461, A. R. 2438, C.....	524.41
Princess of the Chene 30461, A. R. 2438, A. (re-entry).....	739.33
Princess Pomara 21189, A. R. 1913, A.....	651.98
Princess Pomara 21189, A. R. 1913, A. (re-entry).....	658.79
dam of	
Governor's Princess Pomara 32094, A. R. 2729, F.....	518.96
Julie of the Chene 30460, A. R. 2752, B.....	827.26
Julie of the Chene 30460, A. R. 2752, A. (re-test).....	953.53
Meranda Fernwood 21183	
dam of	
Meranda Fernwood II 29519, A. R. 3137, A.....	486.03
Fernwood Olwen 29522, A. R. 3997, A.....	586.70
Viscount 2177, A. R.	
sire of	
Woodfern 10816, A. R. 431, A.....	396.10
Miss Dot 14799, A. R. 924, A.....	403.94
Countess Bishop 7869 (semi-official record).....	452.23
Coralette's Son 3987, A. R.	
sire of	
Anna of Rosendale 18279, A. R. 604, G.....	273.63
Twinkling Star 18337, A. R. 605, G.....	292.13
Coco of Rosendale 18281, A. R. 709, F.....	306.79
Twilight's Valentine 19310, A. R. 752, F.....	318.88
Nina of Rosendale 20118, A. R. 829, G.....	324.66
Dawn of Rosendale 20119, A. R. 830, G.....	323.89
Coral Belle 22213, A. R. 937, G.....	322.81
Gloaming 21127, A. R. 950, G.....	273.82
Moonlight of Rosendale 22951, A. R. 1144, G.....	263.03
Hannah Cora 27242, A. R. 2677, D.....	412.97
Queen's Coralette 25486, A. R. 2679, C.....	353.14
Venus of Rosendale 24262, A. R. 3345, A.....	412.87
Prince Edward of Lindenhurst 10476, A. R.	
sire of	
Mistress Folly of Folly Farm 26276, A. R. 1493, F.....	308.47
Firefly of Folly Farm 26358, A. R. 1548, F.....	570.97
Pauline of Folly Farm 26277, A. R. 1549, F.....	352.28
Pauline of Folly Farm 26277, A. R. 1549, D. (re-entry).....	470.47
Rebecca of Folly Farm 26359, A. R. 1581, E.....	450.24
Beauty of Folly Farm 26360, A. R. 1651, G.....	346.29
The Abbess of Folly Farm 29892, A. R. 2263, E.....	432.22
Trixie of Folly Farm 29891, A. R. 2570, D.....	385.78

His Majesty of Trianon 12227, A. R.

sire of		
Duchesse of Trianon 28685, A. R. 1636, G.....	305.64	
Duchesse of Trianon 28685, A. R. 1636, A. (re-entry).....	369.92	
Coraletta of Trianon 29703, A. R. 2494, F.....	406.78	
Council of Birchwood 10377, A. R.		
sire of		
Suzanne of Trianon 28682, A. R. 1637, F.....	300.89	
Suzanne of Trianon 28682, A. R. 1637, A. (re-entry).....	388.25	
Island's Antoinette 34730, A. R. 3081, F.....	357.16	
Dalena Trianon 22598, A. R. 2806, A.....	453.86	



Primitive 4909, A. R.

Belle of Birchwood 18565		
dam of		
Doris of Birchwood 22174, A. R. 1003, G.....	276.97	
Elizabeth B. of Birchwood 24216, A. R. 2934, A.....	391.25	
Count Bishop 4366, A. R.		
sire of		
Countess of Rosendale 13493, A. R. 161, G.....	273.96	
Countess Una 15819, A. R. 570, C.....	413.30	
Countess Una 15819, A. R. 570, A. (re-entry).....	426.45	
Countess Victoria 14333, A. R. 789, A.....	360.02	
New Year's Primrose 13449, A. R. 1376, A.....	453.28	
Primitive 4909, A. R.		
sire of		
Queen Nellie 13792, A. R. 189, F.....	388.50	
Phrosia 14532, A. R. 190, G.....	403.89	
Miss Simplicity 14531, A. R. 215, G.....	380.30	
Primeval 4812, A. R.		
sire of		
Lolita of Darlington 11606, A. R. 181, B.....	443.46	
dam of		
Lolita Marshall 18441, A. R. 1057, C.....	345.71	
Lola Marshall of Woodend 20840, A. R. 2770, A.....	500.11	
Wilda of Woodend 17705, A. R. 633, F.....	326.97	
First Dawn 19096, A. R. 976, D.....	392.27	
First Dawn 19096, A. R. 976, A. (re-entry).....	608.07	
dam of		
Dawn of Woodend 32964, A. R. 2414, G.....	509.02	
First Dawn of Woodend 38569, A. R. 3440, G.....	473.68	
Primana 18439, A. R. 1611, A.....	368.38	

Lucretia's Maid of Honor III 16992, A. R. 2085, A.....	466.17
dam of	
Mayflower Marshall 24703, A. R. 1609, F.....	363.12
Mayflower of Woodend II 27331, A. R. 2885, D.....	497.49
Prince Rosendale 4291, A. R.	
sire of	
Violet of Oak Hill 25290, A. R. 1113, E.....	462.29
Violet of Oak Hill 25290, A. R. 1113, B. (re-entry).....	527.45
Tirsey's Beauty 15398, A. R. 1426, A.....	455.09
Prince of Hawthorne 7721, A. R.	
sire of	
Fillmore's Gold Dust 22038, A. R. 1104, G.....	441.50
Fillmore's Miss Hawthorne 21435, A. R. 1597, C.....	472.85
Butterwitch of Pomeroy 24045, A. R.—A.....	411.11
Prince Rosendale's Grandson 9760, A. R.	
sire of	
Maid of Belfast 26453, A. R. 1980, D.....	403.35
Zaida of Chestnut St. 25058, A. R. 1981, D.....	413.46
Lawton Standard 9128, A. R.	
sire of	
Lawton's Namouna 23178, A. R. 1286, G.....	360.89
Rosemont of Spring City 32807, A. R. 2762, E.....	445.92
Prince Rosendale's Tricksey 20146	
dam of	
Sequel's Muriel 42808, A. R. 3219, F.....	330.55
Woodsey of Schuyler 26999, A. R. 3451, A.....	711.72
Prince Lawton 7696, A. R.	
sire of	
Gipsy of Sunnyside 22440, A. R. 2486, A.....	491.44
Roxie of Sunnyside 19246, A. R. 2549, A.....	572.66
Roxie of Sunnyside 19246, A. R. 2549, A. (re-entry).....	733.75
Rosetta of Sunnyside 22441, A. R. 2864, A.....	447.61
Hazel's Clementine 19245, A. R. 4033, A.....	600.55
Robert Bloomingdale 6316, A. R.	
sire of	
Freia of Watervliet 23174, A. R. 1064, E.....	336.42
Morning Star of Maple Row 21641, A. R.....	449.49
Prince Rosendale Jr. 9214, A. R.	
sire of	
Aline of Lawton II 23153, A. R. 2254, C.....	398.36
Lady Vanity II 25253, A. R.—A.....	664.71
Maud Hopeful of Lawton 16148	
dam of	
Choice Goods 21133, A. R. 948, G.....	396.17
Miss Hopeful 18622, A. R. 1322, A.....	465.55
Sir Primrose 5528, A. R.	
sire of	
Bonnie Girl of Haddon 28924, A. R. 1202, F.....	405.43
Lalla H. 25337, A. R. 1892, C.....	418.89
Glen Haddon 10700, A. R.	
sire of	
Anna Glenwood 24263, A. R. 1374, G.....	296.61
Glenwood Suke 26047, A. R. 1558, G.....	347.16
Belle Glenwood 30552, A. R. 1990, G.....	259.03
Mernaline 28173, A. R. 1837, G.....	329.75
Glenhaddon's Milkmaid 34368, A. R. 2502, G.....	459.77
Glenhaddon's Patience 34639, A. R. 2817, F.....	503.52
Dot Glenwood 30556, A. R. 3868, B.....	384.18
Glenwood Twilight 24259, A. R.—A.....	370.15
Glen Haddon II 14054, A. R.	
sire of	
Homewood's Helen of Troy 48024, A. R.—G.....	329.13
Iphigenia of Homewood 43961, A. R.—G.....	279.19
Glenwood Girl 4th's Daughter 24676	
dam of	
Glenwood Girl 4th's G. D. of Haddon 28929, A. R. 1201, G.....	298.26
Glenwood Girl 4th's G. D. of Haddon 28928, A. R. 1201, A. (re-entry)	403.32
Elfreda of Haddon 36575, A. R. 3668, F.....	494.56

Buttercup of Springside 4524.

Born November 20, 1888. Bred by E. N. Howell, Poughkeepsie, N. Y.

Imp. Guernsey Lord 1804	{	Lord John 144, P. S.....	{	Sir Lancelot of les Vaux-
		1st prize, R. G. A. S.,		belets 24, P. S.
		1884.		Lady Jane III 86, F. S.
		3d prize, R. G. A. S.,		
Imp. Vrangue's Favorite III (987 P. S.) 3097...	{	1884.	{	
		3d prize, R. G. A. S.,		
		1885.		
	{	Goodland's Princess, R.	{	
		G. A. S. 524, F. S.....		
				Elvina 574, P. S.
	{	Emigrant 173, P. S.....	{	Fair Lad 140.
				4th prize, R. G. A. S.,
				1880.
				Patricia 619.
	{	Vrangue's Favorite 1325,	{	
		F. S.		
				Pleinheume

Dam of			
Betsy of Maplehurst 15426, A. R. 362, E.....	308.73		
Buttercup of Maplehurst 8994, A. R. 27, A.....	446.98		
dam of			
Pride of Maplehurst 10070, A. R. 25, C.....	446.52		
dam of			
Katrina of Elm Place 14198, A. R. 293, E.....	364.75		
Picture of Elm Place 14279, A. R. 84, G.....	393.60		
Pride of Woodend 22579, A. R. 1250, F.....	334.21		
Glenwood's Maplehurst 9114, A. R.			
sire of			
Seneca Jessie's Maplehurst 22382, A. R. 1002, E.....	307.23		
Estella Cooper's Maplehurst 22383, A. R. 1035, G.....	352.43		
Estella Cooper's Maplehurst 22383, A. R. 1035, A. (re-entry).....	411.89		
dam of			
Hulda of Birchwood 32252, A. R. 2014, G.....	299.22		
Josephine of Birchwood 39615, A. R. 3712, G.....	395.71		
King Solomon of Elm Place 6704, A. R.			
sire of			
Queen of Elm Place 14280, A. R. 529, A.....	451.71		
Lily May of Orchard Hill 17665, A. R. 585, G.....	465.82		
Maud Iris of Highland 23859, A. R. 1330, F.....	457.09		
Estella Cooper 15554			
dam of			
Estella Cooper's Maplehurst 22383, A. R. 1035, G.....	352.43		
Estella Cooper's Maplehurst 22383, A. R. 1035, A. (re-entry).....	411.89		
dam of			
Hulda of Birchwood 32252, A. R. 2014, G.....	299.22		
Josephine of Birchwood 39615, A. R. 3712, G.....	395.71		
Fair Rosamond of Maplehurst 12165, A. R. 104, A.....	393.93		
Mollie of Maplehurst 13010, A. R. 179, E.....	349.68		

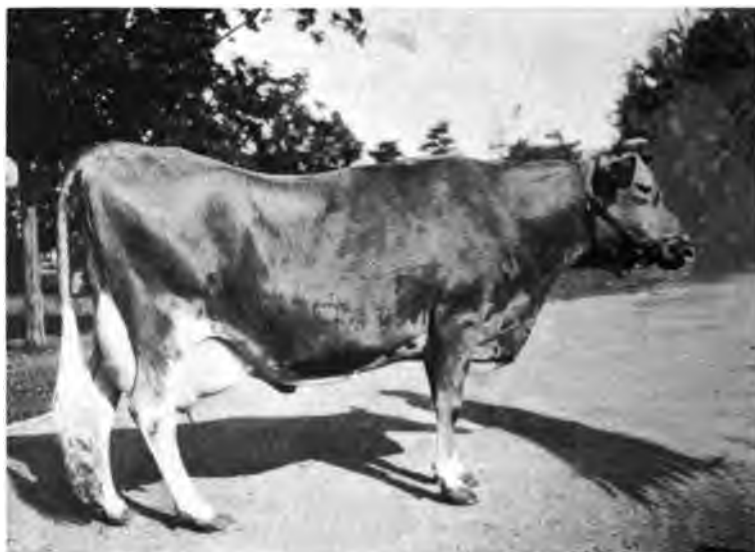
Dairymaid of Elm Place 14197, A. R. 19.

Born March 27, 1898. Bred by G. B. Tallman, Fayetteville, N. Y.

Record: E. 473.47 lbs.; (re-entry) A. 668.36.

Dam of		
Dairymaid of Pinchurst 24656, A. R. 843, G.....	405.51	
Dairymaid of Pinchurst 24656, A. R. 843, E. (re-entry).....	860.26	

Dairymaid of Pinehurst 24656, A. R. 843, B. (re-entry).....	910.67
dam of	
Dairymaid of Iowa 36608, A. R.—G.....	450.71
Dairymaid's Pride of Iowa 14941, A. R.	
sire of	
Fillpail's Pride of Maywood 40436, A. R. 3244, G.....	333.33
Pride's Ladysmith 38491, A. R. 3363, G.....	638.95
Pride of Iowa's Zella 43365, A. R. 3424, G.....	317.07
Willow's Helena 42666, A. R.—G.....	420.78



Dairymaid of Elm Place 14197, A. R. 19, A.

Helene of Iowa 40447, A. R. 3841, G.....	428.33
Lady Elizabeth of the Maple Farm 43372, A. R.—G.....	424.40
Ruby Belle's Pride of Iowa 43361, A. R.—G.....	349.27
Lady Dairymaid of Pinehurst 29723, A. R. 2106, F.....	523.83
Lady Dairymaid of Pinehurst 29723, A. R. 2106, B. (re-entry).....	769.58
Pinehurst's Dairymaid 39190, A. R. 3704, G.....	312.76
Dairymaid's Choice of Pinehurst 13618, A. R.	
sire of	
Choice's Miranda of Harriton 33844, A. R. 2672, F.....	452.60
Buttercup of Harriton 33346, A. R.—F.....	
Gloriana of Cox Farms 36806, A. R. 3378, G.....	484.29
Gloriana of Cox Farms 36806, A. R. 3378, D.....	607.19
Choice's Silver Girl 41593, A. R.—G.....	377.44
Gypsy of Cox Farms 36807, A. R. 3038, G.....	377.19
Amelia of Harriton 38060, A. R. 3558, F.....	324.40
Lobelia of Harriton 37350, A. R.—F.....	342.37
Westmoreland's Choice 42301, A. R.—G.....	402.65
Dairymaid's Glenwood of Pinehurst 10548, A. R.	
sire of	
Haddon's Jewel II 28928, A. R. 1359, G.....	495.92
Marguerite of Pinehurst 24658, A. R. 1296, G.....	493.26
Marguerite of Pinehurst 24658, A. R. 1296, C. (re-entry).....	643.87
Lilian Glenwood 27438, A. R. 1534, G.....	563.49
Dairymaid of Chestnut Hill 31440, A. R. 2184, F.....	331.03
Pinehurst Unceda Maid 41879, A. R.—G.....	308.97

Penwyn II 7559, A. R.

sire of	
Doris of Birchwood 22174, A. R. 1003, G.....	276.97
Daisy of Birchwood 22176, A. R. 1033, G.....	260.86
Dina of Birchwood 22175, A. R. 1034, G.....	314.96
Dainty of Birchwood 22405, A. R. 1036, G.....	273.27
Edith of Birchwood 22177, A. R. 1037, G.....	355.78

**Dairymaid's Choice of Pinehurst 13618, A. R.**

Emma of Birchwood 22168, A. R. 1068, G.....	307.21
Elite of Birchwood 22406, A. R. 1081, G.....	315.63
Dot of Birchwood 21244, A. R. 1082, E.....	375.09
Falecia of Birchwood 25785, A. R. 1474, G.....	297.30
Elizabeth B. of Birchwood 24216, A. R. 2934, A.....	391.25
Knight of Gold 10836, A. R.	
sire of	
Park's Gold Countess 26811, A. R. 1944, E.....	371.83
Park's Golden Flossie 26805, A. R. 2164, E.....	348.13
Park's Golden Quill 31476, A. R. 3393, C.....	402.57
Bernice's Countess II 33678, A. R. 2509, F.....	521.79
Bernice's Countess II 33678, A. R. 2509, C. (re-entry).....	416.09
Bernice's Countess II 33678, A. R. 2509, A. (re-entry).....	449.07
Penwyn of Rosendale 11282, A. R.	
sire of	
Lindenwood Lass 34932, A. R. 3124, D.....	343.78
Beauty of Lindenwood 34015, A. R. 3125, F.....	509.82
Princess Jule of Lindenwood 37957, A. R. 3417, G.....	436.11
Beauty of Linda 35031, A. R. 2759, E.....	384.00
Beauty of Linda 35031, A. R. 2759, A. (re-entry).....	518.22
Dairymaid's King 12898, A. R.	
sire of	
Selma's Dairymaid of Pinehurst 37011, A. R. 3149, G.....	352.47
Selma's Dairymaid of Pinehurst 37011, A. R. 3149, E. (re-entry).....	327.64
Inie of Birchwood 36768, A. R. 3276, G.....	407.78
Jedettine of Pinehurst 36194, A. R. 3376, G.....	403.18



Dairymaid's Glenwood of Pinehurst 10548, A. R.

Josephine of Birchwood 39615, A. R. 3712, G.....	395.71
Janice of Birchwood 41090, A. R. 3634, G.....	265.62
Bonita of Sarnia 38499, A. R. 3706, F.....	425.01
Jedetta of Birchwood 39616, A. R. 3752, G.....	272.29
Iva of Birchwood 36769, A. R. 3753, E.....	329.50
Jewel of Birchwood 41089, A. R. 3872, G.....	268.47
Kate of Birchwood 44466, A. R.—G.....	358.18
Kornova of Birchwood 44463, A. R.—G.....	297.01

Dame Tulip II 3922, P. S., R. G. A. S.

Born May 31, 1896. Bred by Country Hospital, Castel, Guernsey.

Lord Clyde 874, P. S.	{ Meridian 735, P. S., R. G. A. S., 3d prize, 1891.	{ Flumen 631, P. S., Gettis 926, F. S.	{ Young Hero 119, P. S. Era 1041, P. S.
Dame Tulip 1916, F. S.	{ Bellona 1905		

Dam of	
Imp. Bonney of the Merriennes 21368, A. R. 1642, B.....	390.93
Imp. Miriam VI 27821, A. R. 1600, A.....	516.86
Miriam II 5840, P. S. (R. G. A. S.)	
dam of	
Imp. Ruth of the Isle 30266, A. R. 1446, G.....	469.09
Imp. Taylor's Kathleen 30256, A. R. 1647, D.....	411.05
Imp. Beauty of the Merriennes 36344, A. R. 3396, D.....	507.45
Imp. Miriam of the Isle 21337	
dam of	
Lord Mar 14359, A. R.	
sire of	
Imp. Dairymaid of the Camp Joinet 28339, A. R. 1207, G.....	289.48
Imp. Lord Mar's Princess 25602, A. R. 1336, G.....	274.35
Imp. Magnet of the Isle 25802, A. R. 1394, G.....	428.31



Lord Mar 14359, A. R.

Imp. Magnet of the Isle 25802, A. R. 1394, C. (re-entry).....	674.91
Imp. Mota of the Vauxbelets 31630, A. R. 1461, G.....	312.29
Imp. Rosie III of the Courtil Blicq 28360, A. R. 1770, G.....	383.51
Imp. Jessy Rose X 28373, A. R. 1855, G.....	452.55
Imp. Jessy Rose X 28373, A. R. 1855, E. (re-entry).....	646.03
Imp. Dorset Daisy 31982, A. R. 2029, G.....	316.64
Imp. Dorset Daisy 31982, A. R. 2029, D. (re-entry).....	412.95
Imp. Miss Kate of the Isle 28721, A. R. 2033, C.....	573.11
Imp. Lady Alderney II 33232, A. R. 2058, F.....	429.43
Imp. Lady Alderney II 33232, A. R. 2058, D. (re-entry).....	438.74
Imp. Lady Alderney II 33232, A. R. 2058, B. (re-entry).....	405.40
Imp. Lady Alderney II 33232, A. R. 2058, A. (re-entry).....	550.01
Imp. Violet of the Gouies 31963, A. R. 2074, G.....	398.01
Imp. Victime III of the Spurs 37733, A. R. 2104, G.....	477.20
Imp. Miss Jeanette III 37735, A. R. 2105, F.....	435.62
Imp. Rosie Blanche du Beauregard 28478, A. R. 2251, C.....	476.34
Imp. Princess II of the Ville-au-Roi 37739, A. R. 2258, F.....	464.72
Imp. Princess II of the Ville-au-Roi 37739, A. R. 2258, C. (re-entry).....	601.00
Imp. Lizette IV of the Spurs 28366, A. R. 2272, E.....	456.40
Imp. Lizette IV of the Spurs 28366, A. R. 2272, B. (re-entry).....	654.87
Imp. Lizette IV of the Spurs 28366, A. R. 2272, A. (re-entry).....	549.28
Imp. Empress Mar 35000, A. R. 2327, F.....	460.40
Imp. Dewdrop II of the Hall 35195, A. R. 2328, F.....	430.27
Imp. Dewdrop II of the Hall 35195, A. R. 2328, C. (re-entry).....	633.17
Imp. Confidence of the Isle 28364, A. R. 2350, E.....	566.56
Imp. Ruby Belle III 37749, A. R. 2478, F.....	352.62
Imp. Southampton Lass of New Castle 23722, A. R. 2635, A.....	470.90
Imp. Southampton Lass of New Castle 23722, A. R. 2635, A. (re-entry).....	622.03
Imp. Lady Tesla III 28365, A. R. 2735, C.....	569.60
Imp. July Rose III of the Hall 35199, A. R. 3119, D.....	405.36
Jedetta of Iowa 35977, A. R. 3782, E.....	350.83
Lillia of Iowa 43159, A. R. 3929, G.....	568.94
Buttercup of the Villette 26952, A. R.—D.....	478.29
Dairymaid of Iowa 36608, A. R.—G.....	470.71
Imp. Aralia of the Isle 28363, A. R.—A.....	415.04

THE GUERNSEY BREED

Imp. Lily of the Marais II 28456, A. R. 1712, D.....	462.31
Imp. Hero of the Courtil au Preel 13840, A. R.	
sire of	
Zora of Middlebrook 38548, A. R. 3012, G.....	399.14
Hebe of Middlebrook 38921, A. R. 3013, G.....	427.64
Priscilla of Middlebrook 38547, A. R. 3014, G.....	399.00
Imp. Lord Mar of the Prevosts 14833, A. R.	
sire of	
Dorothy of Oakhurst 38506, A. R. 3630, D.....	494.04
Louise of Oakhurst 33782, A. R. 3616, D.....	495.90
Lady's Maid of Oakhurst 41115, A. R. 3769, G.....	445.05
Princess Madge 45296, A. R.—G.....	433.39
Jenny II of Rondobosch, R. G. A. S. 7693, P. S.	
dam of	
Imp. Primrose of Rondobosch 44713, A. R. 3795, G.....	440.47
Imp. Dolly of Rondobosch 39578, A. R. 3905, E.....	460.30
Prince Ito, R. G. A. S. 1703, P. S., A. R.	
sire of	
Imp. Taylor's Cream Cup 25791, A. R. 1078, F.....	545.81
Imp. Taylor's Cream Cup 25791, A. R. 1078, A. (re-entry).....	788.87
dam of	
Imp. Cream Cup's Maid 27820, A. R. 1789, G.....	423.35
Imp. Cream Cup's Maid 27820, A. R. 1789, E. (re-entry).....	537.30
Allenwood Cream Cup 41291, A. R. 3456, G.....	436.89
Allenwood Primrose 43192, A. R.—G.....	589.93
Imp. Cream Cup of the Isle 21345, A. R. 1656, A.....	383.74

Dolly Bloom 12770, A. R. 40.

The pedigree of Dolly Bloom shows she carries 157-8 per cent of the blood of Bonny Boy 1097, and this is about the only well known blood she carries, though she traces twice to Squire of Les Vauxbelets 35, P. S., a well known bull on the island, and winner of second prize at Royal Guernsey Agricultural Society show in 1880. She was bred by Ezra Michener.

by Ezra Mendenhall.

Dolly Bloom 12770 A. R. 40.....	{	Divan 5846.....	{	Paxinosa 4454.....	{	Bonny Boy 2d 3427
		Sire of				Full brother of
		Dolly Bloom,				Lily's Bonny Boy
		836.21 lbs. fat				and Fernwood
		Dolly Dillon,				Lily's Son. See
		532. 21 lbs. fat				pages 284 and 293.
		Belle Wilson,				Normandie of
		423.55 lbs. fat				Paulsdale 4865.
		Dan Patch, A. R.				Sired by son of
		Islesboro, A. R.				Bonny Boy 1097.
Questa 11385.....	{	Kitty Clover 8803.	{	{	Peneya 3164.	
					Sired by son of	
					Bonny Boy 1097.	
					Grandma 6864.	
					Sired by son of	
					Bonny Boy 1097.	
					Primrose's Squire	
					2972.	
					Dimple 2541.	
					Louise of Sedge- field 5210.....	{
1451.						
Phyllis B 3058.						

Born April 14, 1900. Bred by Ezra Michener, Michener, Pa.

Record: G, 453.86 lbs.; re-entry, E, 623.94 lbs.; re-entry, A, 836.21 lbs.

Dolly Bloom of Langwater 15452, A. R. 674, A.....	632.34
dam of	
Langwater Dolly Bloom 22136, A. R. 973, G.....	594.81

THE GUERNSEY BREED

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Langwater Dolly Bloom 22136, A. R. 973, A. (re-entry).....	714.60
Langwater Dolly Bloom 22136, A. R. 973, A. (re-entry).....	867.89
May King of Ingleside 12558, A. R.	
sire of	
May King's Rosette of Pine Meadow 33008, A. R. 2288, G.....	353.48
May King's Rosette of Pine Meadow 33008, A. R. 2288, E. (re-entry).....	415.11
Alice Emerson of Ingleside 27896, A. R. 2289, F.....	354.81
Alice Emerson of Ingleside 27896, A. R. 2289, C. (re-entry).....	421.21
Queen May of Ingleside II 28867, A. R. 2290, G.....	315.81
Queen May of Ingleside II 28867, A. R. 2290, B. (re-entry).....	473.03



Dolly Bloom of Langwater 15452, A. R. 674, A.

May King's Lily of Ingleside 32754, A. R. 2721, F.....	541.91
May King's Lady Chesterbrook of Ingleside 35127, A. R. 2761, G.	419.80
May King's Lady Chesterbrook of Ingleside 35127, A. R. 2761, D. (re-entry).....	437.39
May King's Miriam of Ingleside 35379, A. R. 2998, G.....	277.30
May King's Miriam of Ingleside 35379, A. R. 2998, E. (re-entry).....	447.76
May King's Miriam of Ingleside 35379, A. R. 2998, C. (re-entry).....	432.94
May King's Nantaska of Ingleside 36574, A. R. 2999, G.....	403.98
May King's Nantaska of Ingleside 36574, A. R. 2999, D. (re-entry).....	467.23
May King's Nantie of Ingleside 33651, A. R. 3000, F.....	395.06
May King's Polly of Ingleside 42213, A. R. 3001, G.....	358.15
May King's Polly of Ingleside 42213, A. R. 3001, B. (re-entry).....	440.14
May King's Mary of Ingleside 36573, A. R. 3002, G.....	319.71
May King's Elaine of Ingleside 35378, A. R. 3051, F.....	326.76
Lady Belle of Arborvitae 34756, A. R. 3460, E.....	420.24
Belle of Thorn Hill 32307, A. R. 3610, B.....	472.93
May King's Dolly of Ingleside 39990, A. R.—F.....	444.03
May King's Neanieta of Ingleside 40814, A. R.—F.....	451.73
May King's Jessie of Ingleside 38996, A. R.—E.....	382.97
May King's Princess of Ingleside 42434, A. R.—E.....	362.20
Dolly Dimple 19144, A. R. 628, G.....	703.36
Dolly Dimple 19144, A. R. 628, D. (re-entry).....	*906.89
Dolly Dimple 19144, A. R. 628, A. (re-entry).....	876.34
dam of	
Dolly Dimple's May King of Langwater 12997, A. R.	
sire of	
Langwater Nancy 27943, A. R. 1826, G.....	630.60

THE GUERNSEY BREED

Langwater Nancy 27943, A. R. 1826, A. (re-entry).....	734.97
Langwater Nancy 27943, A. R. 1826, A. (re-entry).....	862.44
May Belle of Linda Vista 29679, A. R. 2134, F.....	653.02
Langwater Felois II 31569, A. R. 2320, G.....	552.73
Aurora of Hylsted 32618, A. R. 2375, G.....	335.50
Aurora of Hylsted 32618, A. R. 2375, D. (re-entry).....	339.61
Aurora of Hylsted 32618, A. R. 2375, B. (re-entry).....	361.93
Langwater Felois III 34755, A. R. 3107, F.....	566.58



Dolly Dimple's May King of Langwater 12997, A. R.

Fern Ridge Pearl 30903, A. R. 3792, B.....	398.46
Langwater Dictator 15068, A. R.	
sire of	
Polly of Oak Hill 37458, A. R. 2606, G.....	342.97
Lassie of Oak Hill 36401, A. R. 2607, G.....	383.66
Tina of Oak Hill 37459, A. R. 2940, G.....	344.19
Iris of Oak Hill 38539, A. R. 3446, G.....	350.35
Miss Fixit of Oak Hill 42353, A. R. 3979, G.....	405.60
Cynthia of Oak Hill 43120, A. R. 4121, G.....	448.46
Newtown Maid of Oak Hill 38953, A. R. 4295, E.....	360.16
Twilight Daisy of Oak Hill 43118, A. R.—G.....	574.47
Langwater Demonstrator 16451, A. R.	
sire of	
Mixer Hope 48382, A. R. 3311, G.....	371.26
Mixer Oakleaf 48419, A. R. 3935, F.....	455.41
Nedelka 54262, A. R. 4235, G.....	379.90
Germania of Mixer Farm 54256, A. R. 4134, F.....	408.53
Mixer Mildred 54267, A. R. 4236, G.....	456.00
Mixer Glamour 48409, A. R. 4376, E.....	345.66
Pride of Mixer Farm 54268, A. R. 4327, G.....	346.70
Mixer Fay 54260, A. R.—E.....	434.34
Mixer Muriel 58071, A. R.—G.....	505.63
Mixer Fawn 58048, A. R.—G.....	504.37

Ne Plus Ultra 15265, A. R.

sire of	
Ultra Lady 38913, A. R. 3348, G.....	538.57
Nuala 38016, A. R. 3382, G.....	454.15
Nuala 38016, A. R. 3382, D. (re-entry).....	511.89
Florham Dame 38912, A. R. 3384, G.....	460.06
Ultra Deanie 38915, A. R. 3765, G.....	514.77
Proud Dame 38916, A. R. 3766, G.....	418.90
Proud Dame 38916, A. R. 3766 E. (re-entry).....	514.06
Rose Queen of Onunda 41124, A. R. 3914, F.....	587.66
Florham Princess 43598, A. R. 3960, G.....	562.07

**Jethro Bass 11366, A. R.**

Neronic 43595, A. R. 4015, G.....	491.15
Netoria 43597, A. R. 4046, G.....	449.09
Florham Gold Lassie 43596, A. R.—G.....	583.67
Florham Minuet 37946, A. R. 4251, D.....	571.14
Milk Maid's May Rose 44138, A. R. 4283, G.....	516.67
Jethro Bass 11366, A. R.	
sire of	
Rose of Langwater 24204, A. R. 1445, F.....	669.89
Rose of Langwater 24204, A. R. 1445, D. (re-entry).....	751.62
Langwater Dairymaid 26377, A. R. 1460, G.....	631.50
Langwater Dairymaid 26377, A. R. 1460, C. (re-entry).....	670.12
Zora of Grasslands 29970, A. R. 1993, G.....	461.07
Jethro's Belle 29973, A. R. 2069, G.....	462.15
Jethro's Susianna 33475, A. R. 2818, F.....	531.96
Charmian of Grasslands 37806, A. R. 2982, F.....	345.44
Madame Sherry 37704, A. R. 3018, F.....	532.10
La Boheme 39515, A. R. 3323, G.....	501.71
Jethro's Rotha 32248, A. R. 3866, B.....	606.79
Langwater Rival 14194, A. R.	
sire of	
Rival's Red Rose of Dellwood 37053, A. R. 2850, G.....	473.65
Rival's Red Rose of Dellwood 37053, A. R. 2850, E. (re-entry)...	537.85

THE GUERNSEY BREED

Rival's Waterwitch of Dellwood 37052, A. R. 2869, G.....	475.04
Rival's Jessie of Dellwood 38153, A. R. 3316, G.....	425.45
Rival's Merry Bell of Dellwood 38154, A. R. 3317, G.....	417.88
Rival's Empress of Dellwood 42924, A. R. 3858, G.....	460.57
Rival's Buttercup of Dellwood 46825, A. R.—G.....	514.01
Rival's Gipsy of Dellwood 46824, A. R.—G.....	420.19
Cedric of Hylsted 15484, A. R.	
sire of	
Mary of Hylsted 36078, A. R. 2992, G.....	320.31
Mary of Hylsted 36078, A. R. 2992, C. (re-entry).....	409.12
Millie of Hylsted 38735, A. R. 3562, G.....	315.45
Millie of Hylsted 38735, A. R. 3562, E. (re-entry).....	379.98
Jethro's May King of Linda Vista 14591, A. R.	
sire of	
Donna May Aida of Linda Vista 36063, A. R. 3099, G.....	493.54
Pride of Linda Vista 41038, A. R. 4072, F.....	430.05
Mayflower of Linda Vista 42568, A. R. 4345, G.....	423.18

Elberon of Fairview 8907, A. R. 303, A.

Squire VI of Les Vauxbelets Jr. 2874.....	{	Imp. Squire VI of Les Vauxbelets 1270	{	Squire of Les Vauxbelets 35, P. S.
		R. G. A. S., 2d prize, 1880.		Imp. Hubert of St. Andrews 2484.
		Phoebe 408		Judge 22.
Imp. Primula des Friquets 4978	{	Rufus III 453, P. S.....	{	Imp. White Rose 44.
		Primula la des Friquets 3494.		Pepin le Bref 207.
				Dido II 39, P. S.

Born November 17, 1892. Bred by John Tyler, Jr., Salem, N. J.

Record: A, 455.21 lbs.

Dam of

Elberon of Haddon 29609, A. R. 1787, G.....	318.05
Elberon's Daughter of Haddon 18298, A. R. 566, G.....	364.46
Elberon's Glenwood of Haddon 28934, A. R. 1526, G.....	347.68



Glenwood's Combination 8th 12550, A. R.

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Elberon's Glenwood of Haddon 28934, A. R. 1526, A. (re-entry).....	825.90
Minnie Bel 17383, A. R. 312, E.....	333.64
Glenwood's Combination VIII 12550, A. R. sire of	
Echo of Wasteland 24447, A. R. 1479, G.....	271.75
Caprice of Haddon 24332, A. R. 1347, G.....	479.37
Caprice of Haddon 24332, A. R. 1347, A. (re-entry).....	625.49
Vega's Darling 24448, A. R. 1753, E.....	343.77
Winsome of Haddon 36966, A. R. 2649, G.....	314.00
Queenie of Haddon 34494, A. R. 2500, G.....	377.64
Cubanola of Haddon 36126, A. R. 3155, G.....	404.31
Glenwood's Barmaid of Haddon 32648, A. R. 3175, D.....	363.82
Bonnie Queen of Haddon 32137, A. R.—B.....	622.92
Glenwood of Sunny Valley 13810, A. R. sire of	
Bud of Clover Lawn 39077, A. R. 3817, E.....	406.44
Henrietta of Clover Lawn 41756, A. R.—E.....	509.71
King Edward of Fairview 8204, A. R. sire of	
Parepa B. V. 21114, A. R. 930, E.....	359.81
Fenella Fern 20334, A. R. 1011, E.....	405.14
Tea Belle 18698, A. R. 1012, C.....	440.78
King Edward's Ella Fern 22084, A. R. 1030, F.....	316.80
Viola Allen 21818, A. R. 3161, A.....	410.78
Lady Maxine II 22976, A. R. 1110, G.....	331.04
King Edward's Marie Belle 23404, A. R. 1275, F.....	336.19
King Edward's Jessamine 28811, A. R. 2207, G.....	342.33

Fair Lad's Primrose 3244.

Fair Lad II 75.....	{ Imp. Fair Lad 71.....	{ Imp. Patty 150.
	{ Imp. Patty 150.....	
Imp. Primrose of Lehigh II 1523	{ Fair Lad II 75.....	{ Imp. Fair Lad 71.
		{ Imp. Patty 150.
	{ Primrose of Lehigh 1410.	{ Imp. Fair Lad 71.
		{ Imp. Rose Martin 162.

Bred by J. W. Fuller, Catasauqua, Pa. Born June 17, 1885.

Dam of	
Primrosedale 8606, A. R. 113, A.....	380.41
Primrosedale 8606, A. R. 113, A. (re-entry).....	576.75
Primrosedale 8606, A. R. 113, A. (re-entry).....	489.59
dam of	
Primrosedale II 14360, A. R. 115, G.....	286.90
Primrosedale II 14360, A. R. 115, A. (re-entry).....	490.60
Primrosedale II 14360, A. R. 115, A. (re-entry).....	525.34
Primrosedale III 14823, A. R. 304, G.....	306.36
Primrosedale III 14823, A. R. 304, A. (re-entry).....	414.11
dam of	
Dot of Birchwood 21244, A. R. 1082, E.....	375.09
Emma of Birchwood 22178, A. R. 1068, G.....	307.21
Jessie May of Birchwood 18481, A. R. 560, G.....	299.62
Hope of Birchwood 33318, A. R. 3871, C.....	334.78
Primrosedale V 30557, A. R. 2052, G.....	339.51
Primrosedale V 30557, A. R. 2052, D. (re-entry).....	424.92
Primrosedale VI 35365, A. R. 2870, G.....	374.76
King of Pine Hill 7596, A. R. sire of	
Primrosedale II 14360, A. R. 115, G.....	286.90
Primrosedale II 14360, A. R. 115, A. (re-entry).....	490.60
Primrosedale II 14360, A. R. 115, A. (re-entry).....	525.34
Primrosedale III 14823, A. R. 304, G.....	306.36

Primrosedale III 14823, A. R. 304, A. (re-entry).....	414.11
dam of	
Dot of Birchwood 21244, A. R. 1082, E.....	375.09
Emma of Birchwood 22178, A. R. 1068, G.....	307.21
Jessie May of Birchwood 18481, A. R. 560, G.....	299.62
Hope of Birchwood 33318, A. R. 3871, C.....	334.78
Glorious II 14053, A. R.	
sire of	
Royaldale Gloria 34441, A. R. 2523, G.....	316.13
Glorious Hazel 34442, A. R. 3282, G.....	303.38
Leona Jane 37389, A. R. 3941, F.....	419.62
Edgewood Inez 38492, A. R. 4007, E.....	387.90
Elnor Jane's Pride 43388, A. R. 4008, G.....	404.92
Primrose's Tricksey 7236, A. R. 2, A.....	508.00
dam of	
Primrose of Salem 12524, A. R. 216, D.....	500.63
dam of	
Endymion's Primrose 23795, A. R. 1229, G.....	394.42
Endymion's Primrose 23795, A. R. 1229, C. (re-entry).....	656.71
Star of Snowdown 17271, A. R. 1040, A.....	453.79
Star of Snowdown 17271, A. R. 1040, A. (re-entry).....	555.02
dam of	
Sundew of Snowdown 25229, A. R. 1317, G.....	269.62
Yeksa Sunburst 22576, A. R. 1024, G.....	334.20
Yeksa Sunburst 22576, A. R. 1024, A. (re-entry).....	581.24
Yeksa Sunburst 22576, A. R. 1024, A. (re-entry).....	540.46
Primitive 4909, A. R.	
sire of	
Queen Nellie 13792, A. R. 189, F.....	388.50
Phrosia 14532, A. R. 190, G.....	403.89
Miss Simplicity 14351, A. R. 215, G.....	380.30
Sir Primrose 5528, A. R.	
sire of	
Bonnie Girl of Haddon 28924, A. R. 1202, F.....	408.43
Lalla H. 25337, A. R. 1892, C.....	418.89
Glen Haddon 10700, A. R.	
sire of	
Anna Glenwood 24263, A. R. 1374, G.....	296.61
Glenwood Suke 26047, A. R. 1558, G.....	347.16
Belle Glenwood 30552, A. R. 1990, G.....	259.03
Mernaline 28173, A. R. 1837, G.....	329.75
Glen Haddon's Milkmaid 34638, A. R. 2502, G.....	459.77
Glen Haddon's Patience 34639, A. R. 2817, F.....	503.52
Dot Glenwood 30556, A. R. 3868, B.....	384.18
Glenwood Twilight 24259, A. R.—A.....	370.15
Glen Haddon II 14054, A. R.	
sire of	
Homewood's Helen of Troy 48024, A. R.—G.....	329.13
Iphigenia of Homewood 43961, A. R.—G.....	279.19
Glenwood Girl 4th's Daughter 24676	
dam of	
Glenwood Girl 4th's G. D. of Haddon 28929, A. R. 1201, G....	298.26
Glenwood Girl 4th's G. D. of Haddon 28929, A. R. 1201, A.	
(re-entry)	403.32
Elfieda of Haddon 36575, A. R. 3668, F.....	494.56

France 2207, A. G. C. C.

(See picture on page 115, Chapter IV.)

Imp. France 2207 was No. 404, F. S., on the Island, and was born June, 1877. She was owned by P. D. Ozanne, Les Pelleys, Castel, Guernsey, who still keeps the France family, and she was bought of T. Vidmour, Les Frances, St. Saviours, Guernsey. It was because she came from this farm that Mr. Ozanne called her France. Mr. Vidmour tells me that the cows now on his farm are distant relatives of France. She won fifth prize at the Island show in 1881 and 1882, and was imported in September, 1884, by A. F. Fuller, Catasauqua, Pa., and sold to Francis Shaw, Wayland, Mass.

She was sired by King John 137, G. H. B., and out of Belle Pale 1460, G. H. B. While on the Island she made a record of 15.5 pounds butter (Guernsey weight, 18 ounces to a pound) or 17 pounds 7 ounces English weight. When she came to this country she left on the Island one daughter, France 2d 10002, P. S., and she, too, was imported by Mr. Shaw in 1892, when her daughter, France 3d 3018, P. S., later imported into this country and known as La Belle France 14454, was but a year old. France herself was, when she was imported, carrying the calf Imp. France 3d 2573, which was dropped May 8, 1885, and also owned by Mr. Shaw.

It will thus be noted that France and France II each had a daughter called France III, the daughter of the first being born in this country, while the daughter of France II was born on the Island but later came to this country. It is from the France III born on the Island that the family now known as the France family is descended. Neither France nor France II has more than one daughter recorded on the Island, but France II was the dam of France's Jewel 3738, dropped just before she left the Island, and later imported by A. J. Cassett, Berwyn, Pa., and was the sire of Ortive 13273, A. R. 122, with a record of 8,116.2 pounds milk and 469.9 pounds fat. He was also sire of La Grande of Chester 4169, that sired Bessie of Belle-Vernon 10772, A. R. 962, A, with a record of 8,888.02 pounds milk or 478.26 pounds fat.

Mr. Ozanne has continued to name the females of the family the same name "France" with numerals attached without regarding the rule of the Island that an animal to have a name like "France IV" must be out of the original France, and he has now reached to France XL. It was also his custom to name nearly all of the bulls "France's Jewel" with numerals after them, and he now has France's Jewel XVII.

Imp. La Belle France 14454 (France III 3018, P. S.) was imported to this country by H. McK. Twombly at a reported price larger than had ever been paid for a Guernsey cow up to that time. It is very unfortunate for the breed as well as for Mr. Twombly that she died of milk fever at her next calving. She was first prize young cow on the Island in 1894, first prize aged cow in 1895, 1899, 1900 and 1901, and second prize in 1897, third, 1896, and won champion prize for four years. She was the dam of

Imp. Bonne et Belle 14455, A. R. 155, E.....	423.85
Imp. France IV 3533, P. S.	
dam of	
France's Jewel II (R. G. A. S. 1065, P. S.)	
sire of	
Imp. Cora's Queen's Prize IV 16004, A. R. 143, F.....	410.81
dam of	
Colore 17722, A. R. 539, G.....	374.00
Imp. Cora's Governor of Chilmark 8971, A. R.	
sire of	
Lenore of Chilmark 20614, A. R. 826, G.....	452.24
Chene Lenore 21984, A. R. 989, G.....	404.84
Antoinette of the Chene 23124, A. R. 1127, G.....	388.74
Lady Governor 23130, A. R. 1128, G.....	286.20
Lady Governor 23130, A. R. 1128, B. (re-entry).....	517.79
Chilmark Lassie 23129, A. R. 1151, G.....	363.29
Chenette 23125, A. R. 1152, F.....	417.72
Countess of Chilmark 24807, A. R. 1325, G.....	308.08
Queen of Chilmark 24809, A. R. 1326, G.....	323.56
Honoria of Chilmark 21985, A. R. 1384, E.....	340.66
Cora's Beatrice 24808, A. R. 1405, F.....	368.27
Caroline of Chilmark 24812, A. R. 1462, G.....	308.55
Governor's Nosegay 26239, A. R. 1542, D.....	354.18



Imp. Cora's Governor of Chilmark 8971, A. R.

Governor's Nosegay 26239, A. R. 1542, A. (re-entry).....	540.33
Governess of the Isle 24815, A. R. 1543, G.....	337.12
Antoinette of Chilmark 24816, A. R. 1544, G.....	456.20
Antoinette of Chilmark 24816, A. R. 1544, C. (re-entry)....	545.0.
Governess Carteret 23128, A. R. 1604, E.....	400.94
Lady Chene 23126, A. R. 1663, D.....	383.01
Cora's Bella 26334, A. R. 1735, G.....	476.51
Beatrice of the Isles II 28011, A. R. 1935, G.....	473.67
Paradocia of Chilmark 28015, A. R. 1936, G.....	391.81
Clara's Caroline of Chilmark 28144, A. R. 1937, G.....	529.06
Countess Galore of Chilmark 30965, A. R. 2119, G.....	512.16
Dawn of Woodend 32964, A. R. 2414, G.....	509.02
Primana of Woodend 32242, A. R. 2416, F.....	374.51
Primana of Woodend 32242, A. R. 2416, B. (re-entry).....	531.16
Sunbeam of Woodend 32963, A. R. 2886, F.....	316.63
Martha of Woodend 34448, A. R. 2887, G.....	453.61
Lucretia Maid of Woodend 34449, A. R. 3111, F.....	347.35
First Dawn of Woodend 38659, A. R. 3440, G.....	473.68
Homestead Cora of Woodend 39329, A. R. 3841, G.....	402.26
Rosalie of Woodend 39337, A. R. 4053, F.....	432.66
Mayflower Marshall III 41269, A. R.—F.....	363.24
Lola's Cora of Woodend 43103, A. R. 4319, G.....	353.50
Countess Cora of Woodend 37728, A. R. 4317, E.....	551.90
Caroline of Woodend 45312, A. R. 4273, G.....	403.90
Beatrice of Woodend 39338, A. R. 4272, E.....	459.69
Count of Chilmark 11364, A. R.	
sire of	
Wern's Ora 29709, A. R. 2564, F.....	386.62
Canary of Daisydale V 26997, A. R. 2744, C.....	475.50
Justice of the Chene 11711, A. R.	
sire of	
Lady Justmore 30964, A. R. 2621, E.....	453.89
Justice's Beatrice 32635, A. R. 2699, F.....	459.45
Honorina of the Chene 32634, A. R. 2881, E.....	370.93
Justice Lenore 32632, A. R. 3024, E.....	399.48
Nosegay of the Chene 30966, A. R. 3758, C.....	371.65

Archer of Chilmark 13376, A. R.	
sire of	
Archer's Golden Lenore 32636, A. R. 2753, F.....	361.43
Archer's Queen of Chilmark 32629, A. R. 3015, E.....	389.56
Chilmark's Replica 36259, A. R. 3083, G.....	425.72
Countess Archer 32633, A. R. 3413, D.....	447.45
Archeen 36261, A. R. 3609, G.....	351.96
Imp. Bonne et Belle 14455, A. R. 155, E.....	423.85
Imp. Oneida I of the Mill 18882, A. R. 513, A.....	387.87
dam of	
Imp. Adieno 18894, A. R. 1873, A.....	500.88
Imp. Adieno 18894, A. R. 1873, A. (re-entry).....	582.16
Indian Belle 22275, A. R. 1960, A.....	490.92
dam of	
Cayuga Belle 29774, A. R. 1962, G.....	469.27
Oneida Belle 24985, A. R. 1966, E.....	572.94
Oneida Belle 24985, A. R. 1966, B. (re-entry).....	696.45
Imp. Island Butter Queen 19661, A. R. 696, A.....	442.58
Imp. Island Butter Queen 19661, A. R. 696, A. (re-entry).....	619.31
dam of	
France Queen of Chestnut Hill 25127, A. R. 2561, D.....	491.15
Coronation King IV, R. G. A. S. 1704, P. S., A. R.	
sire of	
Imp. Rosette II of Plaisance 28245, A. R. 3466, A.....	532.18
Imp. Charmante's Coronation 27550, A. R. 3500, A.....	581.33
Imp. Florrie of the Palotterie IV 53528, A. R. 4308, A.....	501.06
St. John 2063, P. S., A. R.	
sire of	
Imp. Gracey of La Hougue 39441, A. R. 2480, F.....	318.19
Fanisinjon 35402, A. R. 2926, F.....	436.30
Imp. Gold Leaf of the Isle 36328, A. R. 3729, B.....	534.12
Imp. Flora's Sequel of Vimiera 25905, A. R.	
sire of	
Imp. Audrey of Ore Hill 52268, A. R.—F.....	434.60
Imp. Anita of Ore Hill 52273, A. R.—G.....	394.70
Rosette IV of the Bourg, R. G. A. S. 7706, P. S.	
dam of	
Imp. Careless of Anna Dean Farm 47023, A. R. 3675, G.....	471.90
Imp. Daisy of the Bourg 36336, A. R. 3869, C.....	566.24
Imp. Francette's France 7748, A. R.	
sire of	
Princesse Idalia 14990, A. R. 348, F.....	341.40
Leucadia 18609, A. R. 399, G.....	328.25
Prince Ired 7964, A. R.	
sire of	
Lorissa Lenfesty 19883, A. R. 756, F.....	404.59
Cythera 19886, A. R. 812, F.....	383.17
Imp. Bijou's Darling I 16501	
dam of	
Cora of Elm Shade 17711, A. R. 1295, A.....	479.36
Cora of Elm Shade 17711, A. R. 1295, A. (re-entry).....	535.30
Imp. Masher's Jewel 8868, A. R.	
sire of	
Bloomfield Miranda 22343, A. R. 1362, E.....	298.56
Bloomfield Pandora 20760, A. R. 1354, D.....	464.47
Bloomfield Pandora 20760, A. R. 1354, A. (re-entry).....	572.05
Bloomfield Pandora 20760, A. R. 1354, A. (re-entry).....	587.39
Bloomfield Pandora 20760, A. R. 1354, A. (re-entry).....	634.16
dam of	
Pandora's Valentine of Rich Neck 27622, A. R. 1742, G.....	532.01
Pandora's Valentine of Rich Neck 27622, A. R. 1742, E. (re-entry).....	621.87
Pandora's Valentine of Rich Neck 27622, A. R. 1742, B. (re-entry).....	784.22
Mignonette of Rich Neck 36828, A. R. 3054, G.....	573.92
Violette of Rich Neck 41117, A. R. 3986, G.....	540.18
Bloomfield Ednah 20758, A. R. 1422, C.....	486.24
Bloomfield Ednah 20758, A. R. 1422, A. (re-entry).....	598.49
Masher's Belle 23373, A. R. 1476, E.....	374.64
Bloomfield Ada 20759, A. R. 2007, A.....	644.23

Bloomfield Ada 20759, A. R. 2007, A. (re-entry).....	722.48
Granny I of the Choffins (R. G. A. S. 5579, P. S.)	
dam of	
Imp. Granny VII of the Choffins 34947, A. R. 1965, F.....	437.58
Imp. Granny VIII of the Choffins 40665, A. R. 3065, G.....	320.96
Imp. General of the Choffins 12184, A. R.	
sire of	
Polly of Halcyon 35121, A. R. 2842, G.....	387.42
Alcata 31407, A. R. 3338, C.....	384.52
Aldata 31408, A. R. 3747, C.....	339.23
Butter Queen III (R. G. A. S. 4808, P. S.) (Imp. Island Butter	
Queen 19661, A. R. 696), A.....	442.58
(re-entry) A	619.31
dam of	
France Queen of Chestnut Hill 25127, A. R. 2561, D.....	491.15
Coronation King IV (R. G. A. S. 1704, P. S.), A. R.	
sire of	
Imp. Rosette II of Plaisance 28425, A. R. 3466, A.....	532.18
Imp. Charmante's Coronation 27556, A. R. 3500, A.....	581.33
Imp. Florie of the Palotterie IV 1704, P. S., A. R.—A...	501.06
St. John 2063, P. S., A. R.	
sire of	
Imp. Gracey of La Hougue 39441, A. R. 2480, F.....	318.19
Fanisajon 35402, A. R. 2926, F.....	436.30
Imp. Gold Leaf of the Isle 36328, A. R. 3729, B.....	534.12
Imp. Flora's Sequel of Vimiera 25905, A. R.	
Rosette IV of the Bourg (R. G. A. S. 7706, P. S.)	
dam of	
Imp. Careless of Anna Dean Farm 47023, A. R. 3675,	
G.....	471.90
Imp. Daisy of the Bourg 36336, A. R. 3869, C.....	566.24
France VI. (R. G. A. S. 4620, P. S.)	
dam of	
Imp. France XXV 24829, A. R. 1087, F.....	311.42
Imp. France's Jewel V 11396, A. R.	
sire of	
Frances Yocum of Wawa 29416, A. R. 1848, G.....	286.82
France's Wawa Maid 40289, A. R. 2392, G.....	266.38
France's Quince Blossom of Wawa 43949, A. R. 2764, G.....	336.83
France's Daisy of Wawa 43960, A. R. 2765, G.....	406.41
Jewel's Royal Combination of Wawa 15655, A. R.	
sire of	
Jewel's Flower of Thorn Hill 38341, A. R. 3326, G.....	316.39
Gertrude's Daughter of Thorn Hill 42517, A. R. 4035, G...	460.69
Royal's Flower of Thorn Hill 41655, A. R.—G.....	465.75
La Belle Francesca 16689, A. R. 295 (Imp.), A.....	388.11
dam of	
Imp. La Belle Petite 18114, A. R. 793, D.....	547.80
dam of	
Langwater Dorothy 27944, A. R. 1822, G.....	649.78
Langwater Dorothy 27944, A. R. 1822, D. (re-entry).....	781.65
Langwater May King 13001, A. R.	
sire of	
Sister May of Linda Vista 34647, A. R. 2424, G.....	423.00
Rosabel of Linda Vista 34648, A. R. 3342, F.....	547.73
Moss Rose of Linda Vista 38013, A. R. 3430, G.....	515.52
Moss Rose of Linda Vista 38013, A. R. 3430, D. (re-entry)...	479.27
Champion's La Belle 22281, A. R. 3289, A.....	537.95
dam of	
Couleur's La Belle 28404, A. R. 2347, E.....	454.79
Florham La Belle 34536, A. R. 3290, E.....	385.90
Imp. France's Masher II 7248, A. R.	
sire of	
Imp. Couleur de Rose 14456, A. R. 70, E.....	389.24
Imp. Couleur de Rose 14456, A. R. 70, A. (re-entry).....	474.44
dam of	
Rose of York 17290, A. R. 492, G.....	384.69
dam of	
Langwater York Rose 24202, A. R. 3793, A.....	445.57
Charmante's Rose King 11746, A. R.	
sire of	
Gold Dust's Elite 29766, A. R. 1856, G.....	551.47

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Gold Dust's Elite 29766, A. R. 1856, D. (re-entry).....	635.75
Gold Dust's Elite 29766, A. R. 1856, A. (re-entry).....	871.28
Fillmore 26864, A. R. 1857, F.....	521.12
Fillmore 26864, A. R. 1857, A. (re-entry).....	696.05
King's Lily of France 29765, A. R. 1955, G.....	291.17
Anne of Wellesley 37781, A. R. 2187, G.....	329.70
Anne of Wellesley 37781, A. R. 2187, C. (re-entry).....	440.73
Bonny Deanie II 29767, A. R. 2425, F.....	553.73
King's Imogene 33452, A. R. 2497, G.....	368.62



Imp. France's Masher 2d 7248, A. R.

King's Alberta 33788, A. R. 2555, G.....	358.68
King's Alberta 33788, A. R. 2555, E. (re-entry).....	600.81
Fillmore's Happy New Year 34495, A. R. 2639, G.....	446.28
Charmante's Delight of Ellenwood 50497, A. R.—F.....	515.02
Ferndale King 14772, A. R.	
sire of	
King's Deanie II 30700, A. R. 2304, G.....	356.04
Thelma of Ferndale 40760, A. R. 4032, F.....	385.34
King's Deanie 25400	
dam of	
King's Deanie II 30700, A. R. 2304, G.....	356.04
Fillmore's Daisy 40978, A. R. 3981, G.....	454.67
Couleur d'Or 38422, A. R. 3324, E.....	438.34
Couleur's Sheet Anchor 13499, A. R.	
sire of	
Couleur's La Belle 28404, A. R. 2347, E.....	454.79
Chronicle II 33987, A. R. 2547, G.....	472.42
Chronicle II 33987, A. R. 2547, B. (re-entry).....	486.74
Imp. Justinee's Golden Queen 17552, A. R. 436, D.....	518.86
dam of	
Chilmark Golden Lassie 19478, A. R. 1038, D.....	372.13
Chilmark Golden Lassie 19478, A. R. 1038, A. (re-entry).....	455.19
Queen of Chilmark 24809, A. R. 1326, G.....	323.56
Imp. Spotswood Masher Sequel 9687, A. R.	
sire of	
Bonfire's Flower VI 24463, A. R. 1729, D.....	460.50

Hulda of Birchwood 32252, A. R. 2014, G.....	299.22
Masher's Golden of Birchwood 32340, A. R. 2030, G.....	306.30
Masher's Golden of Birchwood 32340, A. R. 2030, A. (re-entry)	485.21
Gloria of Birchwood 32251, A. R. 2140, G.....	355.46
Helen of Birchwood 32253, A. R. 2141, G.....	306.69
Freya B. 25625, A. R. 2821, B.....	414.91



France's Milk Maid 15341, A. R. 825.

Ida of Birchwood 35074, A. R. 3162, G.....	306.96
Hope of Birchwood 33318, A. R. 3871, C.....	334.78
Weale 13194, A. R.	
sire of	
Delza 33864, A. R. 2537, G.....	392.87
Hildesheimess II 35103, A. R. 2830, G.....	265.98
Miquette II 35425, A. R. 2957, G.....	409.57
Jimmy Bates 12586, A. R.	
sire of	
Jennie Bates 38307, A. R.—G.....	482.75
Polly Bates of Highland 38248, A. R. 3638, F.....	298.99
Cherbourg 14669, A. R.	
sire of	
Gentiana 40605, A. R. 4006, G.....	383.64
Geolita 40604, A. R. 3843, G.....	513.75
Justice of the Chene 11711, A. R.	
sire of	
Lady Justmore 30964, A. R. 2621, E.....	453.89
Justice's Beatrice 32635, A. R. 2699, F.....	459.45
Honoria of the Chene 32634, A. R. 2881, E.....	370.93
Justice Lenore 32632, A. R. 3024, E.....	399.48
Nosegay of the Chene 30966, A. R. 3758, C.....	371.65

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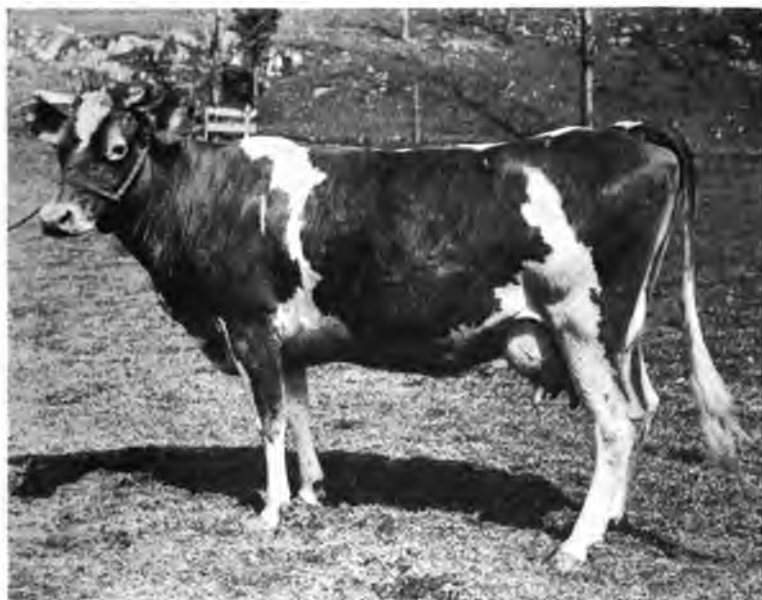
Imp. Deanie XI 13882, A. R. 440, B.....	368.34
dam of	
Sultan's Deahie 18373, A. R. 662, F.....	369.23
Dean of the Springs 10446, A. R.	
sire of	
Margie's Gertrude 28856, A. R. 1458, G.....	386.14
Margie's Bess 27467, A. R. 2533, D.....	350.22
Ardrana's Favorite 31196, A. R. 3952, B.....	438.82
Imp. Island Blossom 18886, A. R. 526, B.....	403.23
Francelmer 15343, A. R. 647, C.....	499.27



Imp. Masher's Galore 8572, A. R.

France's Milkmaid 15341, A. R. 825, A.....	534.13
France's Milkmaid 15341, A. R. 825, A. (re-entry).....	545.71
France's Milkmaid 15341, A. R. 825, A. (re-entry).....	592.77
France's Milkmaid 15341, A. R. 825, A. (re-entry).....	739.41
dam of	
Glen Haddon's Milk Maid 24638, A. R. 2502, G.....	459.77
Princess Milk Maid 38668, A. R. 3976, F.....	568.06
Imp. Blanchflower VIII 23213, A. R. 890, A.....	370.11
Imp. France's Masher's Honeymoon 24824, A. R. 1088, A.....	389.89
Masher's Sharon 27290, A. R. 1386, F.....	286.82
Anton's Frances 27291, A. R. 1497, E.....	516.98
Anton's Frances 27291, A. R. 1497, C. (re-entry).....	696.05
Imp. Violet Robilliard 36805, A. R. 1584, A.....	577.35
Imp. France's Masher's Sylph 24825, A. R. 1618, A.....	474.08
Imp. Masher's Galore 8572, A. R.	
sire of	
Countess Galore 17721, A. R. 510, G.....	369.05
dam of	
Countess of Chilmark 24807, A. R. 1325, G.....	308.08

Countess Galore of Chilmark 30965, A. R. 2119, G.....	512.16
Count of Chilmark 11364, A. R.	
sire of	
Wern's Ora 29709, A. R. 2564, F.....	386.62
Canary of Daisydale V 26997, A. R. 2744, C.....	475.50
Colore 17722, A. R. 539, G.....	374.00
Beatrice of Castel II 18683, A. R. 586, G.....	389.32
Masherette 18705, A. R. 656, G.....	387.33
Gloriana of Chilmark 18682, A. R. 657, G.....	449.76
dam of	
Antoinette of the Chene 23124, A. R. 1127, G.....	388.74
Golden Gloriana 26331, A. R. 2273, D.....	415.17
Caroline Masher 20611, A. R. 853, G.....	428.50
dam of	
Caroline of Chilmark 24812, A. R. 1462, G.....	308.55
Clara's Caroline of Chilmark 28144, A. R. 1937, G.....	529.06
Queen Galore 20612, A. R. 854, G.....	354.13
Queen Galore 20612, A. R. 854, A. (re-entry).....	467.27
dam of	
Golden Queen of Chilmark 24813, A. R. 1404, G.....	327.36
Golden Queen of Chilmark 24813, A. R. 1404, B. (re-entry)....	589.74
Archeen 36261, A. R. 3609, G.....	351.96
Masher's Baby Glenwood 24778, A. R. 1420, F.....	421.37
Chelly's Galore 25929, A. R. 1569, G.....	281.36
Chelly's Galore 25929, A. R. 1569, A. (re-entry).....	552.34
Beatrice of Sea View 23189, A. R. 1607, E.....	344.68
Beatrice of Sea View 23189, A. R. 1607, A. (re-entry).....	480.58
Lady Chilmark II 21330, A. R. 2129, A.....	460.15
Masher's Antoinette 36940, A. R. 2973, G.....	318.27
Linden Girl 42762, A. R. 3607, D.....	594.53
Linden Girl of Harbor Hill II 52836, A. R. 3821, F.....	578.84
Golden Masher 10464, A. R.	
sire of	
Golden Queen of Chilmark 24813, A. R. 1404, G.....	327.36
Golden Queen of Chilmark 24813, A. R. 1404, B. (re-entry)....	589.74
Golden Lenore 24811, A. R. 1406, G.....	336.62
Golden Lenore 24811, A. R. 1406, A. (re-entry).....	526.39
Golden Gloriana 26331, A. R. 2273, D.....	415.17
Mary K's Wonder 34609, A. R. 3897, E.....	471.82
King Masher 11084, A. R.	
sire of	
Brightness of Glenburnie 30742, A. R. 1961, G.....	553.26
Brightness of Glenburnie 30742, A. R. 1961, D. (re-entry)....	709.95
Cayuga Belle 29774, A. R. 1962, G.....	469.27
Cayuga Belle 29774, A. R. 1962, A. (re-entry).....	664.19
Glenellen 24934, A. R. 1963, E.....	515.04
Glenellen 24934, A. R. 1963, A. (re-entry).....	654.71
Masher's Glenora 29775, A. R. 1964, G.....	408.17
Oneida Belle 24985, A. R. 1966, E.....	572.94
Oneida Belle 24985, A. R. 1966, B. (re-entry).....	696.45
Masher's Elsie 24986, A. R. 1967, E.....	745.75
Masher's Elsie 24986, A. R. 1967, A. (re-entry).....	855.34
Golden Elsie II 33422, A. R. 2274, G.....	672.94
Sir Masher 11082, A. R.	
sire of	
Sunnyside Marie 42697, A. R. 2506, G.....	429.18
Masher's Florence of Sunnyside 26743, A. R. 2651, C.....	434.09
Sir Masher's Josephine of Sunnyside 37560, A. R. 2863, G....	347.83
Begalore 10101, A. R.	
sire of	
Nellie of Springside 29159, A. R. 2050, F.....	282.52
Lady Galore of Edgemont 30007, A. R.—B.....	491.64
Lady Galore of Edgemont 30007, A. R.—A. (re-entry).....	534.62
Begalore's Bertha 31358, A. R. 4339, A.....	725.24
Glen Gable Julia 34948, A. R.—C.....	601.99
Glen Gable Glenwood 33150, A. R.—B.....	511.45
Begalore's Belle 33152, A. R.—B.....	480.49
Masher's Nosegay 17935	
dam of	
Governor's Nosegay 26239, A. R. 1542, D.....	354.18
Governor's Nosegay 26239, A. R. 1542, A. (re-entry).....	540.33
Nosegay of the Chene 30996, A. R. 3758, C.....	371.65



Imp. Lady Blanche II of the Hougues Magues 33062.

Imp. Masher's Sequel 11462, A. R.	
sire of	
Imp. Lady Archer XII 17559, A. R. 473, E.....	408.69
dam of	
Sir Masher 11082, A. R.	
sire of	
Sunnyside Marie 42697, A. R. 2506, G.....	429.18
Masher's Florence of Sunnyside 26743, A. R. 2651, C.....	434.09
Sir Masher's Josephine of Sunnyside 37560, A. R. 2863, G.	347.83
Archer of Chilmark 13376, A. R.	
sire of	
Archer's Golden Lenore 32636, A. R. 2753, F.....	361.43
Chilmark's Replica 36259, A. R. 3083, G.....	425.72
Archer's Queen of Chilmark 32629, A. R. 3015, E.....	389.56
Countess Archer 32633, A. R. 3413, D.....	447.45
Archeen 36261, A. R. 3609, G.....	351.96
Imp. Violet of Pulias 18556, A. R. 495, G.....	315.81
Imp. Marie of Pulias 18554, A. R. 519, G.....	300.56
Imp. Marie of Pulias 18554, A. R. 519, E. (re-entry).....	330.01
Imp. Marie of Pulias 18554, A. R. 519, A. (re-entry).....	390.66
Imp. Daisy II of the Barras 18916, A. R. 512, F.....	449.24
Imp. Violet IV of the Quartier's 18896, A. R. 534, F.....	356.28
Imp. Orpheline des Rocquettes 21781, A. R. 670, D.....	433.24
Imp. Orpheline des Rocquettes 21781, A. R. 670, A. (re-entry)....	484.78
Imp. Orpheline des Rocquettes 21781, A. R. 670, A. (re-entry)....	502.96
Imp. Rose VI of the Barras 18905, A. R. 715, F.....	380.62
Imp. Rose VI of the Barras 18905, A. R. 715, A. (re-entry).....	607.75
Imp. Gracieuse VII of the Ramee 18920, A. R. 716, F.....	321.62
Imp. Gracieuse VII of the Ramee 18920, A. R. 716, B. (re-entry)	383.27
dam of	
King's Grace 34360, A. R. 2968, G.....	480.14
Gracieuse of Burnside 29141, A. R. 3975, A.....	499.78

Imp. Bella II of the Baissieres 19674, A. R. 728, D.....	319.18
dam of	
Lady Bella of Katonah 23927, A. R. 1264, G.....	305.66
Katonah's Bella 27315, A. R. 2648, E.....	341.61
Imp. La Belle Petite 18114, A. R. 793, D.....	547.80
dam of	
Langwater Dorothy 27944, A. R. 1822, G.....	649.78
Langwater Dorothy 27944, A. R. 1822, D. (re-entry).....	781.65
Langwater May King 13001, A. R.	
sire of	
Sister May of Linda Vista 34647, A. R. 2424, G.....	423.00
Rosabel of Linda Vista 34648, A. R. 3342, F.....	547.73
Moss Rose of Linda Vista 38013, A. R. 3430, G.....	515.52
Moss Rose of Linda Vista 38013, A. R. 3430, D. (re-entry)	479.27
Imp. Dolly of La Ramée IX 22555, A. R. 797, F.....	306.64
Imp. Giddy Girl of Les Martins 20977, A. R. 811, D.....	332.67
Imp. Spotswood Lady Frances 17561, A. R. 839, A.....	416.29
Imp. Jessie of the Barras 18906, A. R. 856, D.....	375.40
Imp. Jessie of the Barras 18906, A. R. 856, A. (re-entry).....	476.71
Imp. Blanchflower X 21289, A. R. 881, A.....	593.75
Imp. France XXI 21353, A. R. 888, F.....	350.33
Imp. Fine Joke 17555, A. R. 942, A.....	455.03
Imp. Sequel's Lily 21543, A. R. 992, D.....	404.97
Imp. Justinee VII 21541, A. R. 1004, D.....	447.60
Imp. Dairymaid of Anneville V 22552, A. R. 1053, F.....	364.22
Imp. Dairymaid of Anneville V 22552, A. R. 1053, A. (re-entry)...	449.25
Imp. Sequel's Rochina 21542, A. R. 1158, C.....	339.36
Imp. Sequel's Rochina 21542, A. R. 1158, A. (re-entry).....	432.74
Imp. Couture Belle 21539, A. R. 1160, B.....	367.56
Imp. Rose of the Courtil Blicq 22544, A. R. 1194, B.....	426.08
Imp. Lady Financier 19669, A. R. 1200, A.....	376.76
dam of	
Galaxy's Lady Financier 21805, A. R. 1538, C.....	441.25
Lady Sterling 27509, A. R. 2548, D.....	452.33
Imp. Masher's Guernsey Lily 28332, A. R. 1245, F.....	277.95
Imp. Milkyway V 25692, A. R. 1268, D.....	320.60
Imp. Milkyway V 25692, A. R. 1268, A. (re-entry).....	415.38
Imp. Geddiss of the Grand Fort IV 22551, A. R. 1300, D.....	364.87
Imp. Newgrove Queen II 27175, A. R. 1352, A.....	639.33
dam of	
Imp. Mesaba's Queen 27190, A. R. 2993, C.....	547.27
Briarbank Queen 36760, A. R. 3035, G.....	336.32
Imp. Reality of the Fountain V 28451, A. R. 1510, E.....	420.27
Imp. Reality of the Fountain V 28451, A. R. 1510, A. (re-entry)...	502.80
Imp. Cheminante IV of the Marais 28428, A. R. 1513, C.....	415.27
Imp. Newgrove Queen VII 23566, A. R. 1532, E.....	309.46
Masher's Florette 24894, A. R. 1540, F.....	427.57
Masher's Florette 24894, A. R. 1540, A. (re-entry).....	562.09
Imp. Lady Blanche II of the Hougues Magues 33062, A. R. 1631,	
A.....	535.81
Imp. Ramee Rose II 18925, A. R. 1670, A.....	521.92
Imp. Pride II of the Marais 28425, A. R. 1685, A.....	690.94
Imp. Nellie IV du Grand Fort 28427, A. R. 1861, A.....	621.35
Imp. Melisande of Grasslands 27216, A. R. 1876, F.....	484.87
Masher's Amie Belle 26328, A. R. 1877, F.....	517.99
Masher's Minerva 24297, A. R. 1878, D.....	548.79
Imp. Honeymoon II of the Fountain 23567, A. R. 1954, C.....	482.84
Imp. Floe III of the Annevilles 29354, A. R. 2056, A.....	490.82
Masher's Zelda 26484, A. R. 2136, E.....	506.85
Pique Dame 32250, A. R. 2155, G.....	322.84
Imp. Rose V of the Barras 34973, A. R. 2420, A.....	474.53
Imp. Lizette of the Hall 28434, A. R. 2435, A.....	434.31
Imp. Sequel's Bounty 29356, A. R. 2467, A.....	437.39
Imp. La Signorina II of the Vrangue 28440, A. R. 2472, A.....	562.53
Masher's Florentine 27215, A. R. 2681, D.....	390.26
Masher's Sweet Pet 32245, A. R. 2682, E.....	331.94
Tylette 33471, A. R. 2863, F.....	561.11
Our Miss Gibbs 33474, A. R. 2684, G.....	377.10
Imp. Janet I of the Hunguets 20535, A. R. 2736, A.....	399.61
dam of	
Janet of Greenwich 34137, A. R. 2868, F.....	404.43
Conyers Janet 41370, A. R. 3957, F.....	356.18



Imp. Pride 2d of the Marais 28425, A. R. 1685, A.

Masher's Youma 33472, A. R. 2816, F.....	570.61
Imp. Mena of Anna Dean Farm 46897, A. R. 3094, A.....	453.02
Spring Maid 37705, A. R. 3131, F.....	386.37
Spring Maid 37705, A. R. 3131, C. (re-entry).....	478.55
Imp. Spotswood Sweet Brier 18017, A. R. 3178, A.....	446.04
Imp. Spotswood Sweet Brier 18017, A. R. 3178, A. (re-entry).....	505.52
Imp. Nelly of Anna Dean Farm 46895, A. R. 3196, A.....	635.54
Couleur d'Or 38422, A. R. 3324, E.....	438.34
Imp. Modele 26628, A. R. 3501, A.....	626.66
Imp. Quaker Girl 43040, A. R. 3745, E.....	379.05
Elruge 53862, A. R. 3835, F.....	363.74
Excelsior of Grasslands 52838, A. R. 3865, F.....	376.20
Vera Violetta 39513, A. R. 3961, F.....	501.64
Imp. Bess of les Rosiers 39571, A. R.—A.....	383.40
Masher's Flavia 29972, A. R. 4106, A.....	672.97
Anne Veronica 32244, A. R.—A.....	550.64
Imp. Fanny's Sequel 19563, A. R.	
sire of	
Imp. Sequel's Jessie 25601, A. R. 1335, G.....	371.52
Imp. Sequel's Lil 25600, A. R. 1338, G.....	331.88
Imp. Princess Helena VIII 28354, A. R. 1583, G.....	350.12
Imp. Princess Helena VIII 28534, A. R. 1583, D. (re-entry)...	409.55
Imp. Fanny's Sequel's Daisy 27566, A. R. 1711, E.....	348.26
Imp. Flossie II of the Bassieres 30291, A. R. 1811, G.....	272.23
Imp. Marguerite of the Isle 28504, A. R. 2077, E.....	396.33
Imp. Baubigny's Daisy 25801, A. R. 2107, C.....	583.96
Imp. Lady Jeanette IV of the Fountain 28509, A. R. 2226, E.....	408.13
Imp. Daisy Mahy of the Isle 28477, A. R. 2245, C.....	407.47
Imp. White's Daisy II 35216, A. R. 2364, G.....	430.60
Imp. Lily II des Bassieres 39454, A. R. 3059, F.....	486.34
Imp. Aimable of Sarnia 40239, A. R. 3207, E.....	310.44
Imp. Carrefour Daisy VII 40655, A. R. 3389, E.....	463.74
Imp. Lily's Bounty 36393, A. R. 3637, F.....	404.87
Imp. Primrose II of La Planque 36347, A. R.—F.....	432.57
Imp. Lady Mythop II 46404, A. R. 4073, C.....	582.32

Fanny's Sequel's Delia 42462, A. R.—G.....	345.06
Imp. Quicksilver XVII 40306, A. R. 4271, B.....	359.15
Fanny's Sequel's Buttercup 42461, A. R.—F.....	292.70
Imp. Flora of le Briquet 25808, A. R.—A.....	398.27
Imp. France's Honeymoon's Sequel 13485, A. R. sire of	
France's Golden Charm 41372, A. R. 3768, G.....	343.54
Conyer's Janet 41370, A. R. 3957, F.....	356.18
France's Donna Fanny 41371, A. R.—F.....	284.30
Imp. Vrangue's Sequel of Lewison 12975, A. R. sire of	
Sequel's Leora of Willowdale 38351, A. R.—D.....	452.68
Sequel's Bossie of Willowdale 34709, A. R.—B.....	382.87
France's Jewel V 11396, A. R. sire of	
Frances Yokum of Wawa 29416, A. R. 1848, G.....	286.82
France's Wawa Maid 40289, A. R. 2392, G.....	266.38
France's Quince Blossom of Wawa 43949, A. R. 2764, G.....	336.83
France's Daisy of Wawa 43960, A. R. 2765, G.....	406.41
Jewel's Royal Combination of Wawa 15655, A. R. sire of	
Jewel's Flower of Thorn Hill 38431, A. R. 3326, G.....	316.39
Gertrude's Daughter of Thorn Hill 42517, A. R. 4035, G....	460.69
Royal's Flower of Thorn Hill 41655, A. R.—G.....	465.75
Imp. Galaxy's Sequel 16904, A. R. sire of	
Imp. Lady of La Hougue 25793, A. R. 1216, F.....	364.06
Imp. Lady of La Hougue 25793, A. R. 1216, A. (re-entry).....	490.35
Imp. Lady of La Hougue 25793, A. R. 1216, A. (re-entry).....	498.33
Imp. Novelty 23944, A. R. 1271, G.....	361.32
Imp. Violet II of the Grandes Capelles 28328, A. R. 1314, E....	507.12
Imp. Cowslip of Bickleigh 28724, A. R. 1324, G.....	320.24
Imp. Froome's Fascination III 23569, A. R. 1370, F.....	311.99
Imp. Froome's Fascination III 23569, A. R. 1370, D. (re-entry)	446.69
Imp. Miss Jeanette 28719, A. R. 1407, F.....	316.52
Imp. Millette II of the Bassiere 30260, A. R. 1456, F.....	335.98
Imp. Ladylike of the Isle 28472, A. R. 1514, F.....	566.86
Imp. Galaxy's Lady Financier 21805, A. R. 1538, C.....	441.25
Imp. Maud III of the Tertre 25807, A. R. 1551, F.....	515.80
Imp. Violet III of the Grandes Capelles 28340, A. R. 1557, F.	458.90
Imp. Violet III of the Grandes Capelles 28340, A. R. 1557, B. (re-entry)	437.99
Imp. Fleurie of the Bassieres II 27552, A. R. 1588, E.....	539.78
Imp. Christine of Courtil de Bas 28495, A. R. 1798, E.....	492.14
Imp. Fairy of the Fountain 28476, A. R. 1799, E.....	388.93
Imp. Fairy of the Fountain 28476, A. R. 1799, A. (re-entry)...	540.19
Imp. Comtesse de Paris II 32401, A. R. 1842, D.....	338.78
Imp. Comtesse de Paris II 32401, A. R. 1842, A. (re-entry)...	519.45
Imp. Galaxy's Queen of La Ramée 34993, A. R. 1992, F.....	387.20
Charmante IV of the Grandes Capelles 25810, A. R. 2015, D....	515.49
Charmante IV of the Grandes Capelles 25810, A. R. 2015, A. (re-entry)	716.16
Imp. Fleurie II du Hamel 31627, A. R. 2027, E.....	383.14
Imp. Polly de la Ruette 28761, A. R. 2031, F.....	568.38
Imp. Foulon Daisy VI 28501, A. R. 2041, E.....	361.03
Imp. Galaxy's Pride of Koshkonong Place 35637, A. R. 2174, E.	333.86
Imp. Galaxy's Busy Bee 27499, A. R. 2185, D.....	502.63
Imp. Honeymoon VI of the Fountain 28514, A. R. 2230, D....	488.58
Imp. Newgrove Queen X 37506, A. R. 2333, F.....	370.31
Imp. Bel Air VIII 29360, A. R. 2357, A.....	385.82
Imp. Galaxy's Sequel's Lady Charlotte 32092, A. R. 2445, G....	386.42
Imp. Grand Fort Source 23562, A. R. 2468, A.....	379.46
Imp. Duvaux Lily III 26947, A. R. 2702, F.....	389.56
Imp. Jessie IX of the Vrangue 35406, A. R. 2704, F.....	435.90
Imp. Sequel's Trixie 26685, A. R. 2844, A.....	456.86
Imp. Sylph's Pride VI 28515, A. R. 2909, C.....	640.67
Imp. Madame Melba I 29379, A. R. 3048, A.....	462.09
Imp. Madame Melba I 29379, A. R. 3048, A. (re-entry).....	499.92
Imp. Bonnie Salines IV 39649, A. R. 3458, D.....	594.68
Imp. Galaxy's Blanche 35241, A. R. 3492, E.....	581.63
Imp. Jessie of Anna Dean Farm 46898, A. R. 3671, A.....	539.47
Imp. Galaxy's Sequel's Melba 39626, A. R. 3744, E.....	445.01

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Imp. Gay Lass du Braye III 33393, A. R. 1554, G.....	355.78
Imp. Sequel's Queen Charlotte 28508, A. R. 2529, D.....	384.83
Imp. Daisy Belle of Sarnia 35667, A. R.—D.....	370.80
Imp. Rose VIII of the Barras 39645, A. R.—A.....	586.79
Imp. Galaxy's Blanche Daisy 34987, A. R.—A.....	610.95
Imp. Aimable of France 13739, A. R.	
sire of	
Aimable's Miriam of Waddington 29818, A. R. 1948, G....	422.80
Aimable's Miriam of Waddington 29818, A. R. 1948, D.	
(re-entry)	531.57
Aimable's Lily of Waddington 29819, A. R. 2100, G.....	417.07
Aimable's Rosette 29816, A. R. 2411, E.....	379.73
Aimable's Rosette 29816, A. R. 2411, B. (re-entry).....	551.74
Rosette's Virginia of Waddington 34832, A. R. 3116, F....	412.08
Rosette's Virginia of Waddington 34832, A. R. 3116, C.	
(re-entry)	597.70
Fawn Queen of Bethany 51093, A. R. 3256, G.....	387.79
Royal Galaxy of Waddington 29817, A. R. 3426, C.....	466.42
Aimable's Bella 52161, A. R. 3767, F.....	552.38
Milford's Bess of Waddington 35256, A. R.—C.....	533.79
Imp. Galaxy's Lavinus 12548, A. R.	
sire of	
Ruralinda 33143, A. R. 2378, G.....	267.64
Ishbel 32525, A. R. 2401, F.....	305.06
Alfa 33379, A. R. 2413, G.....	275.06
Carmita 35061, A. R. 2713, G.....	344.84
Rubaiyat 34167, A. R. 2800, G.....	431.11
Youlax 32243, A. R. 3129, C.....	556.40
Happy Prospect 38167, A. R. 3372, G.....	307.64
Carmita of Prospect 38168, A. R. 3373, G.....	350.58
Lesbia of Prospect 38166, A. R. 3374, G.....	344.15
Zillah of Prospect 38164, A. R. 3375, G.....	301.31
Rarity of Prospect 37935, A. R. 3825, F.....	281.07
Companion of Prospect 43216, A. R. 4069, G.....	307.00
Cordele of Prospect 42296, A. R. 4068, G.....	309.96
Falco's Best 42934, A. R. 4070, G.....	314.87
Galaxy's Beauty of Prospect 43367, A. R. 4332, G.....	304.91
Dream of Prospect 40293, A. R. 4331, G.....	306.70
Motherwell II 36855, A. R.—D.....	336.56
Gay Lad Du Braye 2026, P. S., A. R.	
sire of	
Princess II of the Blicqs 31975, A. R. 1941, G.....	333.97
Princess II of the Blicqs 31975, A. R. 1941, C. (re-entry).....	428.73
Imp. Gay Beauty of Braye 37758, A. R. 2215, G.....	391.18
Imp. Ivy II of the Spurs 28517, A. R. 2440, E.....	463.31
Imp. Ivy II of the Spurs 28517, A. R. 2440, C. (re-entry).....	670.45
Imp. Hauteville Violet 37508, A. R. 2687, F.....	305.56
Imp. Gipsy II of le Mont Durant 39439, A. R. 2832, F....	411.28
Imp. Princess May of Jerbourg 38871, A. R. 3071, F.....	303.08
Imp. Princess May of Jerbourg 38871, A. R. 3071, C. (re-entry)	354.02
Imp. Sister Celtic of Anna Dean Farm 46906, A. R. 3401, B.	548.59
Imp. Violet's Pearl IV 39467, A. R. 3584, E.....	404.28
Imp. Be Sure of Anna Dean Farm 46946, A. R. 3691, E....	479.75
Imp. Valinquet Rose V 35793, A. R. 4354, A.....	405.52
Imp. Queen's Gay Lad du Braye 17301, A. R.	
sire of	
Gay Lad's Duchess 43296, A. R. 4370, G.....	380.00
Gay Lad's La Reine 40045, A. R.—E.....	475.01
Butter Boy of the Braye (R. G. A. S. 2140, P. S.), A. R.	
sire of	
Imp. Bisette's Butter Girl 33019, A. R. 2282, G.....	436.69
Imp. Lily of La Turquie 35809, A. R. 2619, F.....	436.74
Imp. Oneida's Jewel 15650, A. R.	
sire of	
Imp. Lohier's Topsy V's Jewel 33017, A. R. 2076, G.....	292.41
Imp. Parson's Spot III 29562, A. R. 2712, F.....	385.97
Imp. Parson's Spot III 29562, A. R. 2712, D. (re-entry)...	411.30
Imp. Hamley's Queen of Koshkonong Place 35657, A. R.	
3166, E.....	328.16
Imp. Butter of Clairmont 36649, A. R. 4246, C.....	626.97
Jewel's Moonbeam of Craigmoor 33764, A. R. 4003, G.....	421.31

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Princess Tibeon of Craigmoor 33765, A. R. 4200, G.....	421.77
Duke of Moulpied 2045, P. S. (R. G. A. S.), A. R.	
sire of	
Imp. Moulpied's Edna May 29320, A. R. 2593, E.....	441.14
Imp. Moulpied's Edna May 29320, A. R. 2593, C. (re-entry)	525.47
Imp. Richess of Calais III 40654, A. R. 2730, A.....	431.19
Imp. Beauty II of the Camp 35816, A. R. 3183, E.....	358.19
Imp. Violet May of Calais II 42260, A. R. 3211, E.....	385.60
Imp. Violet May of Calais II 42260, A. R. 3211, C. (re-entry)	465.69
Imp. Lihou Belle III 39449, A. R. 3583, D.....	543.78
Imp. Dolly Grey of St. Andrews 40472, A. R.—D.....	518.71
Imp. Bess' Sequel of the Isle 16914, A. R.	
sire of	
Kate Pie of Willow Brook 35381, A. R. 2798, G.....	351.08
Bud of Willow Brook 35382, A. R. 2841, G.....	326.46
Imp. Bijou des Frances 44541, A. R. 3043, F.....	612.27
Imp. Bess of the Haut Chemin 36365, A. R. 3221, E.....	513.91
Butter Queen of Willow Brook 38747, A. R. 3534, G.....	258.30
Justinee's Sequel of the Preel (R. G. A. S. 2119, P. S.), A. R.	
sire of	
Imp. Beauty II of the Haut Pave 39905, A. R. 2820, F....	388.84
Imp. Ladysmith of Sarnia 40246, A. R. 2928, G.....	499.21
Imp. Ladysmith of Sarnia 40246, A. R. 2928, D. (re-entry)	643.77
Imp. Justinee's Dewdrop 37371, A. R. 3076, G.....	371.00
Imp. Sundari XXXIII 31711, A. R. 3242, D.....	489.32
Imp. Minette XXI 36460, A. R. 3285, E.....	451.52
Imp. Clara XIII of le Tertre 44621, A. R. 3347, G.....	533.67
Imp. Lady Justinee of the Hunguets 46414, A. R. 3371, F.	364.86
Imp. Grandiflora II of the Hall 43637, A. R. 3395, F.....	361.70
Imp. Bouquet of Anna Dean Farm 46956, A. R. 3400, F....	395.89
Imp. Daisy of the Hall 35212, A. R. 3473, D.....	581.18
Imp. Fanny du Foulon XXIII 44631, A. R. 3474, F.....	484.46
Imp. Darling of Ida Cottage 44578, A. R. 3566, E.....	668.63
Imp. Parson's Primrose V 39570, A. R. 3624, G.....	548.47
Imp. Jessie Durand IV 43670, A. R. 3601, G.....	447.33
Imp. Bella de Carteret 37283, A. R. 3662, E.....	500.42
Imp. Apple Bud of Anna Dean Farm 46908, A. R. 3663, C.	483.66
Imp. Dewdrop III of the Hall 35221, A. R. 3717, D.....	519.30
Imp. Dolly II du Bas Sejour 40092, A. R. 3803, E.....	504.05
Imp. Lady Minnie 45973, A. R. 3830, G.....	456.18
Imp. Coralou of Sarnia 50475, A. R. 3964, G.....	274.39
Imp. Minerva of the Isle 50301, A. R. 3965, G.....	312.05
Imp. Primrose IV of the Jaonnets 44722, A. R.—G.....	338.28
Imp. Ada of St. Croix 54105, A. R. 4055, E.....	383.51
Imp. Camilla of Sarnia 52773, A. R. 4152, E.....	363.85
Imp. Daisy MacCulloch 35812, A. R.—B.....	362.88
Imp. Justinee's Fountain Polly 35810, A. R.—A.....	374.73
Imp. Nelly of the Courtl Blicq 51800, A. R.—E.....	437.51
May King of Frie Baton 21184, A. R.	
sire of	
Imp. Polly of Pince Nez III 44190, A. R. 4227, F....	339.89
Imp. Frances IV of la Ruette 50426, A. R.—F.....	594.56
Imp. Daisy of les Pince Nez III 44880, A. R.—F.....	424.92
Maid's Honor (2060, E. G. H. B.), A. R.	
sire of	
Imp. Jane of Ampthill IX 40639, A. R. 2958, G.....	342.76
Imp. Alexandrina XIII 40641, A. R. 3064, G.....	296.31
Imp. Croupette IX 45936, A. R. 3319, G.....	519.34
Imp. Rachel des Rocquettes IV 40625, A. R.—A.....	532.73
Defenser (R. G. A. S. 2152, P. S.), A. R.	
sire of	
Imp. Daisy of the Clos-de-la-Tour 44587, A. R. 3215, F....	421.60
Imp. Primrose of Le Port 36470, A. R. 3381, E.....	472.32
Imp. Alberta of Anna Dean Farm 46909, A. R. 3673, D.....	386.02
Imp. Clare of the Mourants 46412, A. R. 3966, E.....	523.37
Imp. Fanny of Vallee du Lieux 40658, A. R.—D.....	512.37
Imp. Peggy of le Manoir 44261, A. R. 4372, D.....	520.32
Duke of the Grandes Capelles 15324, A. R.	
sire of	
That Lass o' Mine 36532, A. R. 3298, F.....	395.22
The Primrose Duchess 37586, A. R. 3402, F.....	422.05

Retia's Duchess 40454, A. R. 3857, G.....	384.44
Imp. Fleurie de la Cache 35522, A. R.—A.....	530.57
San Toy of Pulias (R. G. A. S. 2612), A. R.	
sire of	
Imp. Bijou's Hope 44729, A. R. 3780, G.....	355.11
Imp. Fancy of les Caches IV 44731, A. R. 4213, G.....	403.17
Imp. His Eminence 11602, A. R.	
sire of	
Cardinal's Agnes 27292, A. R. 1174, G.....	309.94
Imp. Kate Pie III 25548, A. R. 1188, E.....	488.84
Imp. Kate Pie III 25548, A. R. 1188, B. (re-entry).....	553.69
His Eminence Confidence 27287, A. R. 2192, F.....	519.21
His Eminence Confidence 27287, A. R. 2192, D. (re-entry)....	544.01
His Eminence Confidence 27287, A. R. 2192, A. (re-entry)....	365.76
Nicholby 1900, P. S., A. R.	
sire of	
Imp. La Rochelle III 28511, A. R. 2079, F.....	609.04
Imp. Bijou of the Marais 33394, A. R. 2432, D.....	379.22
Imp. Bijou of the Marais 33394, A. R. 2432, A. (re-entry)	456.30
Imp. Rose IX of Roque Balan 28499, A. R. 2541, C.....	451.06
Imp. Polly du Closel 27507, A. R. 2803, B.....	654.61
Imp. Lily VII of Roque Balan 35785, A. R. 3188, B.....	505.19
Imp. Ramee's Sequel 10463, A. R.	
sire of	
Lady Sequel of Soapstone 24183, A. R. 1204, G.....	280.57
Ramee's Rose of Soapstone 23757, A. R. 1226, G.....	307.97
Ramee's Rose of Soapstone 23757, A. R. 1226, D. (re-entry)..	363.49
Darthea of Soapstone II 24184, A. R. 1327, G.....	463.49
dam of	
Darthea Sunbeam 40360, A. R. 3022, E.....	383.47
Darthea Daisy 47567, A. R. 3121, G.....	428.33
Sequel's Lily of Soapstone 27598, A. R. 2483, E.....	339.96
Sequel's Lily of Soapstone 27598, A. R. 2483, A. (re-entry)...	508.76
Bonnie's Pride 26980, A. R. 2660, C.....	343.42
Sequel's Marie of Schuylkill 27599, A. R. 3169, C.....	356.38
Sequel's Marie of Schuylkill 27599, A. R. 3169, A. (re-entry)..	483.21
Sequel's Cuba 27596, A. R. 3445, B.....	371.80
Sequel's Cuba 27596, A. R. 3445, A. (re-entry).....	436.42
Soapstone's Fay 34874, A. R. 3553, E.....	440.88
Sequel's Obasan 27601, A. R. 3647, A.....	490.65
Julia of Soapstone II 24185, A. R. 3648, A.....	438.93
Sequel's Maid of Beauty 32172, A. R. 3797, C.....	387.49
Imp. Raymond of the Preel 11553, A. R.	
sire of	
Imp. Bessie of Mt. Plaisant VI 23261, A. R. 960, F.....	289.38
Imp. Flora of the Preel II 23257, A. R. 961, F.....	364.10
Imp. Blossom II of the Ponchez 23285, A. R. 1045, F.....	283.21
Imp. Dolly of the Houquette 26654, A. R. 1046, G.....	412.21
Imp. Rosie of Baissieres Place 23286, A. R. 1047, F.....	313.44
Imp. Rosie of Baissieres Place 23286, A. R. 1047, A. (re-entry)	571.14
Imp. Muzette XI 26645, A. R. 1089, E.....	315.09
Imp. Raymond's Primrose 23283, A. R. 1090, F.....	353.11
Imp. Lily des Effards 23274, A. R. 1108, E.....	328.23
Imp. Raymond's Poundstock 27553, A. R. 1167, F.....	439.34
Imp. Raymond's Poundstock 27553, A. R. 1167, D. (re-entry)..	468.97
Imp. Tortoval of Vimiera 26652, A. R. 1231, E.....	395.96
Imp. Raymond's Stella 27555, A. R. 1233, F.....	327.13
Imp. Bijou VII of Beaulieu 23297, A. R. 1638, D.....	361.86
Raymond's Miss France of Lewison 32492, A. R. 3725, D.....	352.73
Natoma Giddy Girl 24190, A. R.—A.....	380.88
Raymond's Busy Bee of Appleton 43240, A. R.—G.....	358.31
Imp. Raymond of the Preel II 13381, A. R.	
sire of	
Imp. Bon Espoir XIV 26691, A. R. 1504, G.....	359.07
Imp. Fillpail XXI 26706, A. R. 1576, G.....	350.89
dam of	
Fillpail of Fritzlyn 34409, A. R. 2895, G.....	347.61
Fillpail's Beauty of Fritzlyn 40690, A. R. 3828, G.....	291.40
Imp. Raymond's Lady Victorine 27579, A. R. 1628, G.....	333.38
Imp. Froome's Queen II 25583, A. R. 1710, F.....	354.74
Imp. Ladysmith of the Isle 28355, A. R. 1808, G.....	324.49
Imp. Ladysmith of the Isle 28355, A. R. 1808, E. (re-entry)	510.65

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Brita of West Prairie 31571, A. R. 2009, G.....	376.82
Freya of West Prairie 31496, A. R. 2010, G.....	388.08
Imp. Raymond II's Daisy 31654, A. R. 2891, C.....	504.81
Raymond II's Blanchflower of Lewison 31792, A. R. 3836, B.	368.41
Imp. Raymond's Pourquoi Pas 17653, A. R.	
sire of	
Imp. Princess II of les Caches 45226, A. R. 3346, G..	439.76
Raymond's Beauty of Denmark 38378, A. R. 3595, G...	379.84
Penelope of the Elms 44667, A. R.—D.....	454.78
Raymond of the Preel IV 19235, A. R.	
sire of	
Imp. May Rose III of La Masse 28265, A. R. 1723, G....	388.79
Imp. May Rose II of La Masse 28265, A. R. 1723, E.	
(re-entry)	480.99
Imp. May Rose III of La Masse 28265, A. R. 1723, A.	
(re-entry)	669.58
Imp. Raymond IV's Muzette 28178, A. R. 1953, G.....	278.03
Imp. Molly IV of Clairmont 28763, A. R. 2021, F.....	461.70
Imp. Creme de Reserve II 34329, A. R. 2062, G.....	408.65
Imp. Creme de Reserve II 34329, A. R. 2062, C. (re-entry)	474.65
Imp. Rouge IV of Mt. Plaisant 35492, A. R. 2545, G.....	334.88
Imp. Raymond's Zara 35826, A. R. 2784, G.....	334.61
Imp. Lady Gazelle VI 35486, A. R. 2827, G.....	314.20
Imp. Raymond's Cloth of Gold 29395, A. R. 2834, D.....	559.50
Imp. Bonnie of Anna Dean Farm 46953, A. R. 3195, G.....	657.87
Imp. Raymond's Olga 33255, A. R. 3263, E.....	374.26
Imp. Cheminante XI 55221, A. R. 4389, C.....	424.43
Imp. Queenie du Grand Bel 38887, A. R.—B.....	412.56
Imp. Jip's Raymond of Waddington 14374, A. R.	
sire of	
Dorothy of Waddington 37019, A. R. 3114, G.....	410.14
Retta of Waddington 38256, A. R. 3416, G.....	423.06
Muriel of Waddington 39368, A. R. 3621, G.....	425.70
Waddington Imperiale 39790, A. R. 3649, G.....	481.15
Jipsultana of Waddington 34834, A. R. 3651, E.....	558.49
Leona of Waddington 38255, A. R. 3794, G.....	471.92
Jane Raymond 38254, A. R. 3995, F.....	470.82
Roumaine of Waddington 38253, A. R. 4212, E.....	333.62
Raymond of La Croix (R. G. A. S. 2692, P. S.), A. R.	
sire of	
Imp. Bessie of the Camp 50420, A. R. 3847, G.....	403.35
Imp. Lily of the Fauconnaires 50422, A. R. 3993, G...	367.94
Imp. Daisy of Mound City 52703, A. R. 4364, F.....	514.86
Imp. Raymond's Sweet Maid 50304, A. R.—F.....	507.72
Imp. Raymond of La Houquette 17654, A. R.	
sire of	
Dairy Maid of Homestead 40321, A. R. 3653, G.....	388.79
Lady of Homestead 42034, A. R. 4058, G.....	374.17
Imp. Raymond of the Preel V 13382, A. R.	
sire of	
Betsy of Dellwood 28671, A. R. 1738, G.....	461.32
Aminta's Daughter of Bayside 27996, A. R. 2382, E.....	302.55
Imp. Glory II of the Hougue de Pommier 34946, A. R.	
2409, C.	554.01
Imp. Raymond of the Preel VI 14360, A. R.	
sire of	
Imp. Maid of Richmond 33805, A. R. 1883, G.....	336.41
Imp. Rugby's Queen 32061, A. R. 2018, G.....	351.03
Imp. Rugby's Queen II 32062, A. R. 2019, G.....	354.32
Ino 31572, A. R. 2508, G.....	361.28
Imp. Island Sundari 33804, A. R. 2695, D.....	356.26
Imp. Raymond's Flower of the Hougues Magues 30116, A.	
R. 2969, D.....	434.55
Imp. Raymond's Flower of the Hougues Magues 30116, A.	
R. 2969, A. (re-entry).....	485.44
Imp. Raymond's Monica 35472, A. R. 3163, D.....	412.33
Raymond's Lady Belmont 36944, A. R. 3732, E.....	320.94
Imp. Itchen Smilax 45008, A. R. 3791, A.....	493.41
Imp. Raymond's Miss MacCulloch 35001, A. R. 3994, A...	425.74
Imp. Raymond's Beauty 29402, A. R.—A.....	449.88

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Imp. Raymond of the Preel VII 14361, A. R.	
sire of	
Queen Regent VII 34336, A. R. 2139, G.....	311.24
Imp. Parson's Primrose IV 53532, A. R. 4391, A.....	467.94
Imp. Grande Chartreuse 34333, A. R. 4237, B.....	444.39
Imp. Cherry's Lad of Lewison 14678, A. R.	
sire of	
Fleurette of Riverside Farm 36286, A. R. 2930, G.....	492.12
Fleurette of Riverside Farm 36286, A. R. 2930, E. (re-entry)	689.56
Aneta Warren Wood of Elmpines 37416, A. R. 3526, F....	497.08
Cherry's Fay of Soapstone 43327, A. R. 4013, G.....	364.30
Cherry's Cuba 43328, A. R. 4255, G.....	293.77
Imp. Raynold 12178, A. R.	
sire of	
Princess of Edgewater 30969, A. R. 2505, E.....	429.10
Princess of Edgewater 30969, A. R. 2505, B. (re-entry)....	554.02
Miss Fanny of Edgewater 4230, E.....	402.19
Sequel's Crescendo (R. G. A. S. 1406, P. S.), A. R.	
sire of	
Imp. Golden Jessie's Primrose 18657, A. R. 676, F.....	399.40
Imp. Golden Jessie's Primrose 18657, A. R. 676, A. (re-entry)...	442.94
dam of	
Golden Primrose of Ingleside 23440, A. R. 1140, G.....	311.20
Bonnie Jessie of Ingleside 27893, A. R. 2291, F.....	290.29
Imp. Duvaux Lass I 22560, A. R. 725, F.....	440.63
Imp. Sequel's Busy Bee 21343, A. R. 927, D.....	471.80
Imp. Rosette I of the Baissieres 28535, A. R. 1276, B.....	380.51
Imp. Sequel's Monogram 15649, A. R.	
sire of	
Imp. Levonia's Beauty V 32058, A. R. 2061, F.....	424.30
Imp. Sequel's Marcia 29323, A. R. 2281, F.....	352.84
Imp. Sequel's Daisy of the Manor 31231, A. R. 2322, G.....	461.93
Imp. Sequel's Daisy of the Manor 31231, A. R. 2322, E. (re-entry)	503.67
Imp. Jeanette of the Duvaux II 27498, A. R. 2405, B.....	451.16
Imp. Fan IV of the Croute 28519, A. R. 2442, E.....	539.34
Imp. White Heather's Monogram 33792, A. R. 2474, F.....	583.24
Imp. Victorina of the Isle 28500, A. R. 2589, B.....	478.42
Imp. Sherwill's Jeanette IV 33251, A. R. 2600, G.....	296.70
Imp. Little One 35807, A. R. 2601, G.....	348.20
Imp. Violet IV of the Grandes Capelles 26950, A. R. 2703, F....	494.64
Imp. Sequel's Guernsey Lily 28377, A. R. 2734, D.....	534.97
Imp. Beauty's Pride II of Newgrove 37512, A. R. 2947, F....	299.30
Imp. Adrienne of Anna Dean Farm 46911, A. R. 3674, D.....	411.03
Imp. Duveaux Lily IV 32082, A. R. 3713, B.....	462.09
Katonah's Betty 41257, A. R. 3796, G.....	518.12
Katonah's Fillpail 42573, A. R. 4014, G.....	363.59
Katonah's France 38984, A. R. 4254, E.....	444.74
Katonah's Honoria 35363, A. R. 4340, C.....	396.02
Katonah's Regina 42575, A. R. 4386, G.....	513.87
Imp. Nellie's Sequel, 14545, A. R.	
sire of	
Namouna's Lady of Maple Shade 36626, A. R. 2859, G....	402.57
Queen Rosie of Maple Shade 36625, A. R. 2860, G.....	419.34
Imp. Clara's Sequel 29414, P. S.	
sire of	
Imp. Christine of St. Sampson's 39038, A. R. 3106, F.....	498.94
Imp. Ramee Victory II 36389, A. R. 3109, F.....	502.95
Imp. Princess of the Vrangue III 43662, A. R. 3309, G.....	504.30
Imp. Mahy's Moss Rose II 39474, A. R. 3581, E.....	453.45
Imp. Fanny of New Anneville 50688, A. R. 3642, G.....	352.03
Imp. Clara's Daisy of Woodend 39330, A. R. 3915, F.....	290.39
Imp. Sequel's Christine of the Isle 48455, A. R. 3949, G....	473.77
Imp. Lily of Ore Hill 48073, A. R. 3988, G.....	353.65
Imp. Lady Violet II of Bickleigh 39036, A. R.—F.....	385.28
Imp. Vrangue Bess 40277, A. R.—G.....	341.64
Imp. Charmante V of the Grandes Capelles 39041, A. R.	
4043, D.....	538.80
Imp. Sequel's Dolly of the Vrangue 43914, A. R. 4090, G....	533.47
Imp. Angelina of Linwood 51566, A. R. 4294, G.....	466.07
Imp. Clara of Mound City 52702, A. R. 4261, F.....	579.63

Imp. Amelia of St. Croix 54108, A. R. 4366, F.....	507.41
Imp. Clara of Anna Dean Farm 47025, A. R.—F.....	591.46
Alderney II (R. G. A. S. 2215, P. S.), A. R.	
sire of	
Imp. Granny VIII of the Choffins 40665, A. R. 3065, G....	320.96
Imp. Sweet Viola 39683, A. R. 3227, G.....	446.03
Imp. Daisy II of Clairmont 39661, A. R. 3233, F.....	389.44
Imp. Belle of the Baissieres IV 40028, A. R. 3247, G.....	320.25
Imp. Buttercup II of the Mourants 39464, A. R. 3359, E....	500.16
Imp. Lady Vera of St. Saviour's 44183, A. R. 3930, F.....	568.04
Imp. Whiteface VI 53789, A. R. 4120, G.....	385.19
Imp. Lady of the Ponchez II 36362, A. R. 4044, C.....	566.05
Imp. Begum of Sarnia 46547, A. R.—F.....	428.93
Signal Jewel (R. G. A. S. 2265, P. S.), A. R.	
sire of	
Imp. Golden May VII of the Gron 40660, A. R. 3275, F....	567.53
Imp. Lily Valinquet X 39475, A. R. 3477, F.....	449.55
Sequel's Lad (R. G. A. S. 2248, P. S.), A. R.	
sire of	
Imp. Bess of the Vrangue III 40464, A. R. 3552, F.....	411.17
Imp. Milly of the Vrangue II 35495, A. R. 3907, E.....	441.64
Imp. Clairvoyante's Sequel 21663, A. R.	
sire of	
Imp. Dewdrop of Pine Grove 47944, A. R. 3882, E.....	364.98
Imp. Quintine of the Vrangue 43671, A. R. 3294, G.....	331.43
Imp. Spotaewood Masher Sequel 9687, A. R.	
sire of	
Bonfire's Flower VI 24463, A. R. 1729, D.....	460.50
Hulda of Birchwood 32340, A. R. 2030, G.....	299.22
Masher's Golden of Birchwood 23340, A. R. 2030, G.....	306.30
Masher's Golden of Birchwood 23340, A. R. 2030, A. (re-entry)	485.21
Gloria of Birchwood 32251, A. R. 2140, G.....	355.46
Helen of Birchwood 32253, A. R. 2141, G.....	306.69
Freya B. 25625, A. R. 2821, B.....	414.91
Ida of Birchwood 35074, A. R. 3162, G.....	306.96
Hope of Birchwood 33318, A. R. 3871, C.....	334.78
Weale 13194, A. R.	
sire of	
Delza 33864, A. R. 2537, G.....	392.87
Hildesheimess II 35103, A. R. 2830, G.....	265.98
Miquette II 35425, A. R. 2957, G.....	409.57
Jimmy Bates 12586, A. R.	
sire of	
Jennie Bates 38307, A. R.—G.....	482.75
Polly Bates of Highland 38248, A. R. 3638, F.....	298.99
Cherbourg 14669, A. R.	
sire of	
Gentiana 40605, A. R. 4006, G.....	383.64
Geolita 40604, A. R. 3843, G.....	513.75
Imp. Spotaewood Sequel 9686, A. R.	
sire of	
Lina of Penshurst 21321, A. R. 1142, E.....	421.58
Sequel's Caprice of Haddon 27380, A. R. 1171, G.....	362.73
Lucretia's Daughter of Haddon 28926, A. R. 1224, F.....	350.22
Lady Lesbia 25142, A. R. 1348, G.....	424.04
Lady Lesbia 25142, A. R. 1348, B. (re-entry).....	787.03
Coquette of Haddon 24333, A. R. 1349, G.....	425.03
Coquette of Haddon 24333, A. R. 1349, B. (re-entry).....	556.19
Shop Girl of Haddon 27381, A. R. 1397, G.....	340.88
Masher's Nubiana of Haddon 28931, A. R. 1525, G.....	281.06
Majella of Haddon 32140, A. R. 2095, G.....	425.31
Play Girl of Haddon 27379, A. R. 2535, C.....	455.67
Sequel's Pink of Maplehurst 34210, A. R. 3133, F.....	478.77
Sequel's Muriel 42808, A. R. 3219, F.....	350.55
Glenwood's Harmony of Haddon IV 28933, A. R. 3770, A.....	383.48
Wilhelmina Girl 26801, A. R. 4263, A.....	631.02
Lady Chesterbrook of Ingleside 23441, A. R. 4328, A.....	362.20
Masher's Bonny Boy of Haddon 15454, A. R.	
sire of	
Elaine of Haddon 35748, A. R. 2488, G.....	480.79
Fair Maid of Haddon 32318, A. R. 2625, F.....	380.39

Imp. Beechwood's Pride 9550, A. R.	
sire of	
Bonito of Brookmead 34606, A. R. 2316, G.....	314.66
Katie of Highway 29625, A. R. 2602, E.....	338.99
Imp. Billy's France 12746, A. R.	
sire of	
Imp. Primrose II of Vimiera 38859, A. R. 2496, C.....	589.80
Imp. Billy's France's Queen Viola 27565, A. R. 3739, A.....	560.09
Imp. Billy's France's Freesia 27573, A. R.—A.....	402.05
Imp. Hero of King's Mills's Lodge 16906, A. R.	
sire of	
Imp. Parson's Snowdrop IV 39561, A. R. 3315, D.....	394.11
Allenwood Cream Cup 41291, A. R. 3456, G.....	436.89
White Wing of Edgewater 38489, A. R. 3504, G.....	653.14
Imp. Lady Kelso III 35222, A. R.—B.....	483.43
Imp. Billy's France of the Isle 21183, A. R.	
sire of	
Imp. Lillia of Saumarez Lodge 36373, A. R. 2597, G.....	417.33
Imp. Miss MacCulloch IV 38882, A. R. 2777, F.....	417.18
Imp. Billy's France's Primrose 29378, A. R. 2892, A.....	442.61
Imp. Lady of La Villette 38892, A. R. 3009, F.....	318.07
Imp. Belle of the Friquet II 38885, A. R. 3010, E.....	310.13
Imp. Nell V of Mt. Plaisant 38894, A. R. 3127, G.....	344.37
Imp. Billy's France II's Choice 33521, A. R. 3172, E.....	394.29
Imp. Dairy Maid III of Bickleigh 44570, A. R. 3379, E.....	301.32
Imp. Diamond Sunrise 37785, A. R. 3497, E.....	406.59
Imp. Billy's France Lucy of Frie Baton 38910, A. R.	
3852, G.....	393.12
Imp. Ballad of Sarnia 46558, A. R.—F.....	301.32
Imp. McKerrow's Bijou 53173, A. R. 4202, F.....	590.81
Imp. Dolly Dimple II of the Echelle 48460, A. R.—F.....	388.51
Billy's Fancy 2205, P. S. (R. G. A. S.), A. R.	
sire of	
Imp. Rosie V of the Bourg de Bas 36380, A. R. 2802, G.....	635.99
Imp. Rosie V of the Bourg de Bas 36380, A. R. 2802, D.	
(re-entry)	755.07
Imp. Lady Jip 55121, A. R. 4016, C.....	520.46
Imp. France's Jewel XI 13383, A. R.	
sire of	
Worden's Lady of Lewison 27263, A. R. 1761, G.....	265.70
Orchis of Greenway III 34465, A. R. 2620, G.....	296.39
Kip of Greenway 38223, A. R. 3191, G.....	295.88
Reality of Greenway II 38224, A. R. 3414, G.....	347.43
Cherry of Greenway 38222, A. R. 3778, F.....	328.31
France's Trixie of Greenway 41255, A. R. 4030, F.....	389.33
Riva of Greenway 43384, A. R. 4301, G.....	352.40
Nina of Greenway 43385, A. R. 4325, G.....	338.40
Justinee's Sequel 12066, A. R. (Imp.)	
sire of	
Betty of Keewaydin 27420, A. R. 2222, F.....	471.94
Betty of Keewaydin 27420, A. R. 2222, C. (re-entry).....	367.21
Sequel's Alfarata 30234, A. R. 2809, D.....	373.02
Imp. Sequel 12504, A. R.	
sire of	
Gretchen of Birchwood 27359, A. R. 1734, G.....	287.99
Myra Sequel 35434, A. R. 2678, G.....	405.90
Pinehurst's Dairymaid 39190, A. R. 3704, G.....	312.76
Pinehurst's Atlantis 39191, A. R. 3705, G.....	323.52
Coquette's Masher 14656, A. R.	
sire of	
Diane's Masher 36565, A. R. 3698, E.....	365.16
Queen's Sequel 37583, A. R. 3699, F.....	315.83
Flock's Head of Pulias 11374, A. R.	
sire of	
Queen of Stannox 37475, A. R. 3246, G.....	435.39
Rose of Holliston 34786, A. R.—C.....	432.31
Flora II des Hougues Magues 27534 (Imp.)	
dam of	
Imp. Raymond's Flower of the Hougues Magues 30116, A. R.	
2969, D.	434.55
Imp. Raymond's Flower of the Hougues Magues 30116, A. R.	
2969, A. (re-entry).....	485.44



Spotswood Sequel.

Imp. Modele 26628, A. R. 3501, A.....	626.66
Romulus X (R. G. A. S. 1286, P. S.), A. R.	
sire of	
Imp. Primrose I of les Rosiers 19667, A. R. 928, A.....	410.06
Imp. Guilbert's Rose 33215, A. R. 1703, A.....	434.63
Imp. Ramee Rose 18885	
dam of	
Radiant Rose 22276, A. R. 1261, E.....	359.84
Imp. Ramee Rose II 18925, A. R. 1670, A.....	521.92
Imp. Memoria 14403	
dam of	
Miss Livingston 29628, A. R. 2656, D.....	384.05
Glen Masher 8812, A. R.	
sire of	
Glen Masher's Procris 27286, A. R. 1927, F.....	503.86
Glen Masher's Procris 27286, A. R. 1927, A. (re-entry).....	658.81
Nanessa 24885, A. R. 1928, B.....	476.95
Beau Masher 12208, A. R.	
sire of	
Galeta 31437, A. R. 2694, F.....	344.16
Diamond Star of Wayland 29956, A. R. 3708, A.....	598.88
Mafeking II (R. G. A. S. 4856, P. S.)	
dam of	
Imp. Cylia 28452, A. R. 1914, C.....	494.38
My Star (R. G. A. S. 2393, P. S.), A. R.	
sire of	
Imp. Fanny III of Plaisance 48451, A. R. 3947, G.....	380.87
Imp. Daisy of la Collinette 46429, A. R. 3983, G.....	452.15
Imp. Sunstar of Tristram Farm 52769, A. R. 4361, F.....	376.62
Belle Domptheuse III (R. G. A. S. 5006, P. S.)	
dam of	
Imp. Lady Financier 19669, A. R. 1200, A.....	376.76
dam of	
Imp. Galaxy's Lady Financier 21805, A. R. 1538, C.....	441.25
Lady Sterling 27509, A. R. 2548, D.....	452.33
Imp. Sequel's Bounty 29356, A. R. 2467, A.....	437.39

Imp. Glenwood Girl 1693.

Glenwood Girl 1693 was imported in her dam, September 10, 1883, by L. W. Ledyard, of Cazenovia, N. Y., and was dropped February 7, 1884. Her tabulated pedigree follows:

Meteor 181, F. S. 2d prize, R. G. A. S., 1883. 4th prize, R. G. A. S., 1884.	{	Dummy 103, F. S.	{	Chieftain of Les Vauxbe- lets 6, F. S.
				Flora III.
	{	Flower 630, F. S.	{	Trial 94.
		16 lbs. butter in 7 days.		Grand Rouge.
Imp. Gazelle of Fernwood 1st prize cow with calf, N. Y. Dairy Show, 1887.	{	Paysan's II 16, P. S.	{	Paysan's.
		Beauty de la Hougette 1129, G. H. B.		Flora II.

Glenwood Girl was shown as a yearling by Mr. Ledyard at the New York State Fair and won first prize. She was shortly afterward purchased by E. T. Gill, of Haddonfield, N. J., and there she lived to produce 12 living calves, seven of which were heifers. All of the heifers Mr. Gill kept and developed. Having been well acquainted with Mr. Gill's herd and with these daughters of the old cow, I am safe in saying that no other cow brought out by the records has equaled Glenwood Girl as a breeder.



Glenwood Girl 1693.

It is quite certain that the prepotency of this family comes from Glenwood Girl, as her daughters were sired by many different bulls. Glenwood Girl 2d was sired by Kalmia 740, and when 10 years old gave 9,944.7 pounds milk, containing 508.7 pounds fat. She lived to be 16 years old and then was killed because of an injury. Her first calves were bulls that were sold to farmers. Her first daughter was Armored of Haddon 9529, that made 347.7 pounds butter with her first calf and 435.7 pounds with her second calf. She was also dam of



Glenwood Girl 2d 9108.

Armored 2d of Haddon 9530 that made 398.2 pounds butter with her first calf.

Glenwood Girl 3d 9109 had a private record of 464.4 pounds fat by Mr. Gill. She was sired by Lord Ko Ko 2353, a son of Sir Champion 15th 509 and Imp. Bess of Ogier 835, a cow that Mr. Gill said milked 22 quarts for him.

Glenwood Girl 4th 9110 was sired by Darius of Sunnyside 2716, a son of Darius 1164 and Gemsey 175, and made 432.07 pounds fat.

Glenwood Girl 5th 9111 was a full sister of Glenwood Girl 4th and was the poorest one of the seven daughters and she had a record of 354.2 pounds fat.

Glenwood Girl 6th 9113 (see picture on page 161, chapter V.), was sired by Holton 2d 2828, a son of Holton 1316 and Typone 1616. She was considered by most breeders as the best of the daughters of the old cow, but she scarcely proved as good a breeder as Glenwood Girl 2d. Three or four of her calves died before reaching ma-

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turity and she left only one daughter to come to milk which was only ordinary.

Glenwood Girl 7th and Glenwood Girl 8th were sired by Pat of Haddon 3919.

Glenwood Girl II 9108

dam of		
Glenwood's Harmony of Haddon 15872, A. R. 384, G.....	337.95	
dam of		
Glenwood's Harmony of Haddon III 27376, A. R. 1533, C.....	372.96	
Glenwood's Harmony of Haddon IV 28933, A. R. 3770, A.....	383.48	
Jewel of Haddon 11259, A. R. 92, C.....	397.25	
Glenwood Boy of Haddon 4605, A. R.		
sire of		
Dorothy Manners of Paxtang 14616, A. R. 165, F.....	333.20	
Sunbeam of Paxtang 14619, A. R. 195, F.....	286.37	
Nectarine of Paxtang 14618, A. R. 284, G.....	378.65	
Jedetta of Pinehurst 17434, A. R. 502, G.....	424.02	
Jedetta of Pinehurst 17434, A. R. 502, A. (re-entry).....	778.80	
dam of		
Jedetta of Pinehurst II 25704, A. R. 2151, D.....	437.93	
Jedetta of Pinehurst II 25704, A. R. 2151, A. (re-entry).....	513.71	
Jedetta of Iowa 35977, A. R. 3782, E.....	350.83	
Wawa Maid 16973, A. R. 552, F.....	359.79	
Lorna of Pinehurst II 19202, A. R. 574, A.....	275.91	
Alphea of Pinehurst 19625, A. R. 622, G.....	384.75	
Alphea of Pinehurst 19625, A. R. 622, D. (re-entry).....	449.07	
Alphea of Pinehurst 19625, A. R. 622, A. (re-entry).....	509.92	
dam of		
Alphea of Pinehurst II 29722, A. R. 3696, B.....	614.97	
Alphea of Pinehurst III 35069, A. R. 2544, G.....	357.79	
Jedetta II 19630, A. R. 623, G.....	410.69	
Jedetta II 19630, A. R. 623, D. (re-entry).....	482.10	
Jedetta II 19630, A. R. 623, A. (re-entry).....	483.61	
Jedetta II 19630, A. R. 623, A. (re-entry).....	377.38	
dam of		
Jedetta C. of Pinehurst 31178, A. R. 2760, F.....	418.80	
Jedettine of Pinehurst 36194, A. R. 3376, G.....	403.18	
Glendett of Pinehurst 13901, A. R.		
sire of		
Glendett's Thelma Glenwood 39031, A. R. 2177, G.....	434.07	
Lilyett 33416, A. R. 2485, G.....	430.94	
Selma of Pinehurst II 19626, A. R. 624, G.....	430.01	
Selma of Pinehurst II 19626, A. R. 624, A. (re-entry).....	489.68	
dam of		
Lizette of Pinehurst 24657, A. R. 1297, G.....	331.15	
Lizette of Pinehurst 24657, A. R. 1297, B. (re-entry).....	395.37	
Stranford's Glenwood of Pinehurst III 16202, A. R.		
sire of		
Glenwood's Sundari 39600, A. R. 3591, G.....	318.02	
Ellalee of Waukesha 43774, A. R. 4000, G.....	291.20	
Stranford's Princess II 19804, A. R. 784, F.....	319.98	
Selma of Pinehurst III 23798, A. R. 786, G.....	472.97	
Selma of Pinehurst III 23798, A. R. 786, E. (re-entry).....	512.98	
Selma of Pinehurst III 23798, A. R. 786, A. (re-entry).....	471.55	
Selma of Pinehurst III 23798, A. R. 786, A. (re-entry).....	465.62	
Christine of Pinehurst II 19636, A. R. 841, F.....	401.55	
Auricula of Pinehurst 23799, A. R. 842, G.....	330.15	
Dairymaid of Pinehurst 24656, A. R. 843, G.....	405.50	
Dairymaid of Pinehurst 24656, A. R. 843, E. (re-entry).....	860.26	
Dairymaid of Pinehurst 24656, A. R. 843, B. (re-entry).....	910.67	
Princessa Glenwood 21872, A. R. 986, G.....	437.78	
Nora B. 24322, A. R. 1051, B.....	445.79	
Nora B. 24322, A. R. 1051, A. (re-entry).....	558.34	
Nora B. 24322, A. R. 1051, A. (re-entry).....	616.20	
Jedetta IV 25198, A. R. 1070, G.....	292.29	
Pride of Pinehurst 27625, A. R. 1071, G.....	373.96	
Pride of Pinehurst 27625, A. R. 1071, D. (re-entry).....	523.66	
Cora of Pinehurst II 21724, A. R. 1137, D.....	319.49	
Cora of Pinehurst II 21724, A. R. 1137, A. (re-entry).....	497.73	
Selma of Pinehurst IV 25703, A. R. 1235, G.....	487.57	

Selma of Pinehurst IV 25703, A. R. 1235, E. (re-entry).....	476.76
Selma of Pinehurst IV 24703, A. R. 1235, C. (re-entry).....	553.61
Selma of Pinehurst IV 24703, A. R. 1235, A. (re-entry).....	502.30
Selma of Pinehurst IV 24703, A. R. 1235, A. (re-entry).....	485.77
Lizette of Pinehurst 24657, A. R. 1297, G.....	331.15
Lizette of Pinehurst 24657, A. R. 1297, B. (re-entry).....	395.37
Jedetta III 21496, A. R. 1298, D.....	431.19
Jedetta III 21496, A. R. 1298, A. (re-entry).....	451.83
Dolly's Glenwood Girl of Ingleside 27892, A. R. 1465, G.....	373.62



Nora B 24322, A. R. 1051, A.—616.2 pounds butterfat in one year.

Dolly's Glenwood Girl of Ingleside 27892, A. R. 1465, A. (re-entry)	478.75
Atlantis's Daughter 21695, A. R. 1594, C.....	515.23
Atlantis's Daughter 21695, A. R. 1594, A. (re-entry).....	564.27
Lady Stranford of Pinehurst II 26215, A. R. 1695, E.....	371.02
Bonito of Fairview 22776, A. R. 1835, C.....	349.74
Glenwood's Champion 15639, A. R.	
sire of	
Effie of Alfalfa Farms 31058, A. R. 1759, E.....	554.81
Effie of Alfalfa Farms 31058, A. R. 1759, A. (re-entry).....	497.03
Effie of Alfalfa Farms 31058, A. R. 1759, A. (re-entry).....	618.03
Edith of Alfalfa Farms 33184, A. R. 1788, G.....	390.77
Edith of Alfalfa Farms 33184, A. R. 1788, B. (re-entry).....	534.52
Emily of Alfalfa Farms 33818, A. R. 1818, G.....	445.55
Emily of Alfalfa Farms 33818, A. R. 1818, A. (re-entry).....	802.22
Soso of Alfalfa Farms 31064, A. R. 1819, E.....	420.39
Soso of Alfalfa Farms 31064, A. R. 1819, A. (re-entry).....	495.70
Topsy of Alfalfa Farms 32198, A. R. 1879, G.....	413.26
Topsy of Alfalfa Farms 32198, A. R. 1879, B. (re-entry).....	516.42
Beauty of Alfalfa Farms 31070, A. R. 2193, E.....	337.18
Beauty of Alfalfa Farms 31070, A. R. 2193, B. (re-entry).....	407.80
Pet's Pride of Alfalfa Farms 32854, A. R. 2314, G.....	422.22
Mollie of Alfalfa Farms 31050, A. R. 2344, A.....	400.43
Pearl of Alfalfa Farms 33178, A. R. 2345, G.....	385.41
Joseph's Pride of Alfalfa Farms 31049, A. R. 2391, A.....	476.30
Carrie of Alfalfa Farms 31063, A. R. 2458, B.....	428.29
Laurel Girl 37240, A. R. 2853, G.....	329.90
Comfort of Alfalfa Farms 32794, A. R. 2882, E.....	443.49
Crescent of Alfalfa Farms 40751, A. R. 2883, G.....	460.43
Betty of Alfalfa Farms 40749, A. R. 2975, G.....	311.35
Ideal of Alfalfa Farms 40750, A. R. 2981, G.....	452.89
Ruby of Alfalfa Farms 33177, A. R. 3255, D.....	457.11
Luella of Alfalfa Farms 42966, A. R. 3449, G.....	262.23
Leading Lady of Alfalfa Farms 40106, A. R. 3570, G.....	396.03

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Glenwood's Queen of Alfalfa Farms 33183, A. R. 3726, C.....	510.12
Missy of Alfalfa Farms 35733, A. R. 4056, E.....	372.89
Marcia's Glenwood of Pinehurst 11560, A. R. sire of	
Contrafuria 29090, A. R. 1854, G.....	534.14
Snippie Glenwood 29089, A. R. 1853, G.....	510.59
Robinson's Glenwood Boy 15638, A. R. sire of	
Poll of Alfalfa Farms 31375, A. R. 1694, B.....	544.36
Peggy of Alfalfa Farms 31060, A. R. 1814, A.....	403.41



Marcia's Glenwood of Pinehurst 11560, A. R.

Emma of Alfalfa Farms 31057, A. R. 1816, C.....	507.23
Maggie of Alfalfa Farms 31048, A. R. 2159, A.....	533.66
Maggie of Alfalfa Farms 31048, A. R. 2159, A. (re-entry).....	622.88
Lillie of Alfalfa Farms 31055, A. R. 2484, A.....	477.38
Strawberry of Alfalfa Farms 31054, A. R. 2551, A.....	493.38
Violet of Alfalfa Farms 31374, A. R. 2637, A.....	463.31
Violet of Alfalfa Farms 31374, A. R. 2637, A. (re-entry).....	505.54
Stranford's Glenwood of Pinehurst 13609, A. R. sire of	
Tirzah of Pinehurst 25953, A. R. 1559, G.....	395.27
Tirzah of Pinehurst 25953, A. R. 1559, B. (re-entry).....	448.79
Lady Betty of Pinehurst 29721, A. R. 1774, G.....	342.68
Castel Beauty III 25705, A. R. 1875, F.....	539.89
Lady Uneeda of Pinehurst 29719, A. R. 1895, G.....	327.84
Lady Dairymaid of Pinehurst 29723, A. R. 2106, F.....	523.83
Lady Dairymaid of Pinehurst 29723, A. R. 2106, B. (re-entry).....	769.58
Jedetta of Pinehurst II 25704, A. R. 2151, D.....	437.93
Jedetta of Pinehurst II 25704, A. R. 2151, A. (re-entry).....	513.71
Alphea of Pinehurst III 35069, A. R. 2544, G.....	357.79
Jeanette of Pinehurst 35070, A. R. 2565, G.....	361.71
Jedetta C. of Pinehurst 31178, A. R. 2760, F.....	418.80
Pride of Pinehurst II 37288, A. R. 3411, C.....	427.73
Pride of Pinehurst II 37288, A. R. 3411, C. (re-entry).....	467.52
Auricula B. of Pinehurst 35068, A. R. 3459, D.....	383.60
Alphea of Pinehurst II 29722, A. R. 3696, B.....	614.97



Stranford's Glenwood of Pinchurst 13609, A. R.

Glendett of Pinchurst 13901, A. R.	
sire of	
Glendett's Thelma Glenwood 39031, A. R. 2177, G.....	434.07
Lilyett 33416, A. R. 2485, G.....	430.94
Dairymaid's Pride of Iowa 14941, A. R.	
sire of	
Fillpail's Pride of Mayowood 40346, A. R. 3244, G.....	333.33
Pride's Ladysmith 38491, A. R. 3363, G.....	638.95
Pride of Iowa's Zella 43365, A. R. 3424, G.....	317.07
Helene of Iowa 40447, A. R. 3841, G.....	428.33
Willow's Helena 42666, A. R. 4239, G.....	420.78
Lady Elizabeth of the Maple Farm 43372, A. R.—G.....	424.00
Ruby Belle's Pride of Iowa 43361, A. R.—G.....	349.27
Stranford's Glenwood of Pinchurst III 16202, A. R.	
sire of	
Glenwood Sundari 39600, A. R. 3591, G.....	318.02
Ellalee of Waukesha 43774, A. R. 4000, G.....	291.20
Selma's Stranford of Pinchurst 14157, A. R.	
sire of	
Glenwood's Polly Vrangue of Ingleside 37581, A. R. 3625, F.....	473.68
Glenwood's Polly Vrangue of Ingleside 37581, A. R. 3625, D.....	602.76
Stranford's Alice of Ingleside 40813, A. R.—E.....	423.76
May King's Lady Chesterbrook of Ingleside II 47888, A. R.—G.....	506.01
Glenwood's Stranford 9386, A. R.	
sire of	
Glenwood's Princess of Tomah 20902, A. R. 816, G.....	325.16
Stranford's Lily 26867, A. R. 1095, G.....	281.75
Stranford's Janette 27005, A. R. 1099, G.....	251.50
Louan of Richmond II 29246, A. R. 1177, F.....	377.54
Stranford's Derinna 28602, A. R. 1218, G.....	395.87
Stranford's Derinna 28602, A. R. 1218, A. (re-entry).....	463.68
Lura Godiva 25243, A. R. 1241, C.....	369.95
Lura Mercedes 29247, A. R. 1242, F.....	366.96



Glenwood's Stranford 9386, A. R.

Coralou's Glenwood Girl 129248, A. R. 1243, F.....	368.97
Lura Lucille 29249, A. R. 1244, F.....	354.96
Coral Nymph 29253, A. R. 1547, F.....	399.26
Lillian Bishop II 24966, A. R. 1596, A.....	649.01
Lura Bettina 29725, A. R. 3128, C.....	623.02
Lura Bettina 29725, A. R. 3128, A. (re-entry).....	739.58
Stranford's Mary 37295, A. R. 3268, D.....	550.57
Lura Coralily 29245, A. R. 3551, A.....	508.83
Woodbine 26212, A. R. 3761, A.....	408.82
Richmond Standard 13661, A. R.	
sire of	
Standard's Derinna 38724, A. R.—E.....	349.09
Lina Standard 38723, A. R.—D.....	438.82
Richmond's Standard's Royalette 56205, A. R.—C.....	429.77
Auricula's Glenwood of Pinehurst 9408, A. R.	
sire of	
Peggy of Wawa 24483, A. R. 1413, F.....	322.49
Fair Anna Belle of Wawa 43950, A. R. 2766, G.....	310.05
Dairymaid's Glenwood of Pinehurst 10548, A. R.	
sire of	
Marguerite of Pinehurst 24658, A. R. 1296, G.....	493.26
Marguerite of Pinehurst 24658, A. R. 1296, C. (re-entry).....	643.87
Haddon's Jewel II 28928, A. R. 1359, G.....	345.92
Lilian Glenwood 27438, A. R. 1534, G.....	563.49
Dairymaid of Chestnut Hill 314440, A. R. 2184, F.....	331.03
Pinehurst Unceda Maid 41879, A. R.—G.....	308.97
Glenwood's Combination 8927, A. R.	
sire of	
Toma of Hillstead 18834, A. R. 1123, C.....	468.69
Toma of Hillstead 18834, A. R. 1123, A. (re-entry).....	554.53
Toma of Hillstead 18834, A. R. 1123, A. (re-entry).....	715.96
Hildred M. of Haddon 24331, A. R. 1346, D.....	426.27
Crease of Haddon 28923, A. R. 1427, C.....	407.43
Hyacinth of Haddon 27377, A. R. 2224, A.....	464.49

Glenwood's Combination VIII 12550, A. R.		
sire of		
Caprice of Haddon 24332, A. R. 1347, G.....	479.37	
Caprice of Haddon 24332, A. R. 1347, A. (re-entry).....	625.49	
Echo of Wasteland 24447, A. R. 1479, G.....	271.75	
Vega's Darling 24448, A. R. 1753, E.....	343.77	
Queenie of Haddon 34494, A. R. 2500, G.....	377.64	
Winsome of Haddon 36966, A. R. 2649, G.....	314.00	
Cubanela of Haddon 36126, A. R. 3155, G.....	404.31	
Glenwood's Barmaid of Haddon 32648, A. R. 3175, D.....	363.82	
Bonnie Queen of Haddon 32137, A. R. 4201, B.....	622.92	
Glenwood of Sunny Valley 13810, A. R.		
sire of		
Bud of Clover Lawn 39077, A. R. 3817, E.....	406.44	
Henrietta of Clover Lawn 41756, A. R. 4344, E.....	509.71	
Glenwood's Combination V 11354, A. R.		
sire of		
Combination Roselle 24928, A. R. 1480, G.....	276.83	
Peggotty Glenwood 36288, A. R. 3387, F.....	314.73	
Glenwood's Combination VI 11797, A. R.		
sire of		
Julia Briggs, 29186, A. R. 3047, A.....	394.05	
dam of		
Mary Cedar 34268, A. R. 3042, F.....	327.03	
Annie Glenwood 41994, A. R. 3921, G.....	313.62	
Ellenwood Beauty 36922, A. R. 3962, E.....	517.32	
Vivian of Hillstead 10182, A. R.		
sire of		
Branwen 27091, A. R. 1657, F.....	339.92	
Wynette 27088, A. R. 1658, F.....	329.71	
Lalia 27093, A. R. 1659, F.....	435.36	
Calla Luda 27092, A. R. 1660, F.....	422.97	
Calla Luda 27092, A. R. 1660, A. (re-entry).....	702.25	
Princess Euphemia 27843, A. R. 1834, G.....	399.84	
Lord Derby of Paxtang 7744, A. R.		
sire of		
Snowdrift of Paxtang 19315, A. R. 761, G.....	341.18	
dam of		
Snowbird of the Elms 25672, A. R. 2028, B.....	407.60	
Dairymaid of Chestnut Hill 31440, A. R. 2184, F.....	331.03	
Golden Lassie of Paxtang 24696, A. R. 1377, D.....	507.31	
Golden Lassie of Paxtang 24696, A. R. 1377, A. (re-entry).....	675.45	
Golden Lassie of Paxtang 24696, A. R. 1377, A. (re-entry).....	715.38	
Selma's Glenwood 12596, A. R.		
sire of		
Glenwood Starlight 27435, A. R. 1629, G.....	257.52	
Glenwood Starlight 27435, A. R. 1629, B. (re-entry).....	380.24	
Primrosedale V 30557, A. R. 2052, G.....	339.51	
Primrosedale V 30557, A. R. 2052, D. (re-entry).....	424.92	
Selmalette 30554, A. R. 2138, G.....	346.69	
Glenwood Eventide 30553, A. R. 2188, G.....	300.48	
Ada of Sarnia 34516, A. R. 2538, G.....	283.10	
Ada of Sarnia 34516, A. R. 2538, C. (re-entry).....	398.33	
Agnes of Sarnia 34514, A. R. 2630, G.....	325.33	
Belle Brandon of Sarnia 35367, A. R. 2797, G.....	340.79	
Belle Brandon of Sarnia 35367, A. R. 2797, D. (re-entry).....	399.37	
Primrosedale VI 35365, A. R. 2870, G.....	374.76	
Bess of Sarnia 35366, A. R. 2953, G.....	435.44	
Bernice of Sarnia 38107, A. R. 3405, G.....	289.68	
Barbara of Sarnia 38110, A. R. 3407, G.....	372.39	
Alice of Bailey Falls 41317, A. R. 3436, G.....	457.94	
Adeline of Sarnia 34515, A. R. 3643, E.....	318.68	
Chimes of Sarnia 40688, A. R. 3707, G.....	339.53	
Allenwood Primrose 43192, A. R.—G.....	589.93	
Alma of Sarnia 33481, A. R.—B.....	381.57	
Dairymaid's Choice of Pinehurst 13618, A. R.		
sire of		
Choice's Miranda of Harriton 33844, A. R. 2672, F.....	452.60	
Gypsy of Cox Farms 36807, A. R. 3038, G.....	377.19	
Gloriana of Cox Farms 36806, A. R. 3378, G.....	484.29	
Gloriana of Cox Farms 36806, A. R. 3378, D. (re-entry).....	607.19	
Amelia of Harriton 38060, A. R. 3558, F.....	324.40	

Buttercup of Harriton 33346, A. R.—F.	
Choice's Silver Girl 41593, A. R.—G.	377.74
Lobelia of Harriton 37350, A. R.—F.	342.37
Westmoreland's Choice 42301, A. R.—G.	402.65
Exalia's Glenwood Boy of Ingleside 13544, A. R.	
sire of	
Glenwood Boy's Buttercup 38488, A. R. 2978, G.	372.52
Fawn's Lassic 37174, A. R. 3681, E.	436.53



Selma's Glenwood 12596, A. R.

Dairymaid's King 12898, A. R.	
sire of	
Selma's Dairymaid of Pinehurst 37011, A. R. 3149, G.	352.47
Selma's Dairymaid of Pinehurst 37011, A. R. 3149, E. (re-entry)	327.64
Inie of Birchwood 36768, A. R. 3276, G.	407.78
Jedettine of Pinehurst 36194, A. R. 3376, G.	403.18
Janice of Birchwood 41090, A. R. 3634, G.	265.62
Bonita of Sarnia 38499, A. R. 3706, F.	425.01
Josephine of Birchwood 39615, A. R. 3712, G.	395.71
Jedetta of Birchwood 39616, A. R. 3572, G.	272.29
Iva of Birchwood 36869, A. R. 3753, E.	329.50
Jewel of Birchwood 41089, A. R. 3872, G.	268.47
Kate of Birchwood 44466, A. R. 4224, G.	358.18
Kornova of Birchwood 44463, A. R.—G.	297.01
Christy of Pinehurst 13619, A. R.	
sire of	
Christy of Pinehurst's Princess 39270, A. R. 3813, G.	270.77
Waltha II 37797, A. R. 3816, G.	315.38
Gretchen of Pinehurst II 19633	
dam of	
Gladys of Koshkonong Place 26782, A. R. 1654, G.	307.84
Glory of Koshkonong Place 31785, A. R. 2269, G.	315.36
Glenwood's Reputation 7687, A. R.	
sire of	
Idalia B 17546, A. R. 606, F.	380.89
Cora May 22244, A. R. 1319, E.	327.13
Lilly Glenwood 17834, A. R. 1592, A.	639.98

Thelma Glenwood 18829, A. R. 1722, A.....	658.95
dam of	
Snippie Glenwood 29089, A. R. 1853, G.....	510.59
Glendett's Thelma Glenwood 39031, A. R. 2177, G.....	434.07
Lily Ella Glenwood 22104	
dam of	
Contrafuria 29090, A. R. 1854, G.....	534.14
Lilyett 33416, 2485, G.....	430.94
Pearl of Linden Home 24783, A. R. 1749, F.....	371.88
Cilmaenen's Glenwood Girl 18324, A. R. 1838, A.....	475.95
Froken Glenwood 20958, A. R. 2567, A.....	462.63



Glenwood's Reputation 7687, A. R.

Beauty of Linden Home 35914, A. R. 2581, G.....	431.18
Louise of West Salem 22662, A. R. 2690, A.....	518.37
Margaret of West Salem 21535, A. R. 2812, A.....	453.97
Margaret of West Salem 21535, A. R. 2812, A. (re-entry).....	534.82
Lilyita of Linden Home II 24000, A. R. 3049, A.....	524.13
Mabel of Linden Home 23009, A. R. 3385, A.....	582.49
Mabel of Linden Home 23009, A. R. 3385, A. (re-entry).....	754.83
Previty of Linden Home 25969, A. R. 3386, A.....	566.67
Hilda of Linden Home 23007, A. R. 3576, A.....	615.86
Reputation's May 25784, A. R. 3577, A.....	430.07
Lily of Linden Home 23010, A. R. 3839, A.....	427.86
Lovice of Linden Home 23008, A. R.—A.....	440.52
Reputation of Portage 10695, A. R.	
sire of	
Siecelea Pearl 34379, A. R. 2666, G.....	442.30
Alma Ethel 33964, A. R. 2707, G.....	495.39
Cinderella Josephine 34500, A. R. 2709, G.....	529.81
Cordella 34378, A. R. 2823, G.....	350.40
Mabel Olive 33963, A. R. 2825, G.....	493.98
Mandagay 33367, A. R. 4012, D.....	382.09
Mauley 23526	
dam of	
Cordella 34378, A. R. 2823, G.....	350.40
Cradey Lehigh 39588, A. R. 3733, G.....	449.75

Glenwood Chief of Haddon 7076, A. R.

sire of	
Marjorie K. 18472, A. R. 734, E.....	361.01
Glenwood Queen of Maplehurst 21636, A. R. 935, G.....	313.17
Glenwood Queen of Maplehurst 21636, A. R. 935, B. (re-entry)....	399.50
Dorothy of Maplehurst 21974, A. R. 1234, E.....	417.78
Bess of Maplehurst 20241, A. R. 2166, A.....	365.43
Glenwood's Maplehurst 9114, A. R.	
sire of	
Seneca's Jessie's Maplehurst 22382, A. R. 1002, E.....	307.23
Estella Cooper's Maplehurst 22383, A. R. 1035, G.....	352.43



Sparkle of Haddon.

Estella Cooper's Maplehurst 22383, A. R. 1035, A. (re-entry)...	411.89
dam of	
Hulda of Birchwood 32252, A. R. 2014, G.....	299.22
Josephine of Birchwood 39615, A. R. 3712, G.....	395.71
Glen Rose of Beechwood 12772, A. R.	
sire of	
Kathryn M. 34080, A. R. 2775, F.....	433.28
Venora 31458, A. R. 3078, E.....	471.75
Arvilla Anne 28995, A. R. 3185, B.....	616.29
Yolande Rose 28996, A. R. 3186, B.....	527.29
Glenwood Chief of Clovernook 11158, A. R.	
sire of	
Glenwood's Juliette 24973, A. R. 2267, C.....	506.88
Glenwood's Hazel 28612, A. R. 3926, A.....	615.97
Elmor Jane 25191, A. R. 3940, A.....	430.88
Glenwood Chief of Taylor 13221, A. R.	
sire of	
Dairymaid of Saradale 39777, A. R. 3253, G.....	317.73
Rosie of Taylor 34455, A. R. 3479, E.....	331.06
Cinderella of Saradale 344454, A. R. 3612, E.....	373.27
Dairy Queen of Taylor 31333, A. R. 4036, A.....	397.84
Sparkle of Haddon (private record).....	350.30
Glenwood Girl VI 9113, A. R. 1, A.....	572.30
dam of	
Glenwood's Mainstay 6067, A. R.	
sire of	
Ona of Haddon 18185, A. R. 338, G.....	266.36

THE GUERNSEY BREED

Glenwood's Harmony of Haddon 15872, A. R. 384, G.....	337.95
dam of	
Glenwood's Harmony of Haddon III 27376, A. R. 1533, C.....	372.96
Glenwood's Harmony of Haddon IV 28933, A. R. 3770, A.....	383.48
Brier Rose of Haddon 18577, A. R. 386, G.....	286.48
Chesterbrook's Nubiana of Haddon 19645, A. R. 461, G.....	283.02
Minnie of Haddon 19644, A. R. 466, G.....	333.19
Trailing Arbutus of Haddon 18297, A. R. 565, G.....	324.76
Elberon's Daughter of Haddon 18299, A. R. 566, G.....	364.46



Glenwood's Mainstay 6067, A. R.

Glenwood's Coralie of Haddon 22113, A. R. 644, G.....	293.09
Rosalie of Haddon 14709, A. R. 671, A.....	421.76
Lady Chesterbrook of Haddon 22755, A. R. 713, G.....	403.07
Lady Chesterbrook of Haddon 22755, A. R. 713, C. (re-entry).....	466.16
Lady Chesterbrook of Haddon 22755, A. R. 713, A. (re-entry).....	529.67
Lady Chesterbrook of Haddon 22755, A. R. 713, A. (re-entry).....	479.01
dam of	
Benton's Lady Chesterbrook of Ingleside 28672, A. R. 2714, D.	341.99
May King's Lady Chesterbrook of Ingleside 35127, A. R. 2714, G.	419.80
Glenwood's Elizabeth of Haddon 18824, A. R. 997, C.....	450.88
dam of	
Lass of Prospect 23945, A. R. 1743, E.....	376.13
Radium's Glenwood 22370, A. R. 1093, F.....	314.47
Radium's Glenwood 22370, A. R. 1093, G. (re-entry).....	387.42
Heartsome 26602, A. R. 1932, F.....	359.79
Glenwood's Chesterbrook of Haddon 27665, A. R. 1121, F.....	406.76
Glenwood's Chesterbrook of Haddon 27665, A. R. 1121, A. (re-entry)	547.62
Glenwood Girl 4th's G. D. of Haddon 28929, A. R. 1201, G.....	298.26
Glenwood Girl 4th's G. D. of Haddon 28929, A. R. 1201, A. (re-entry)	403.32
Adella G. II 28932, A. R. 1524, G.....	382.04
Elberon's Glenwood of Haddon 28934, A. R. 1526, G.....	347.68

Elberon's Glenwood of Haddon 28934, A. R. 1526, A. (re-entry)....	825.90
Adella G. of Haddon 28937, A. R. 1744, G.....	348.50
Elberon of Haddon 29609, A. R. 1787, G.....	318.05
May Blossom's Glenwood of Haddon 28938, A. R. 1870, G.....	382.71
Nubiana Glenwood of Haddon 27995, A. R. 2383, E.....	349.76
Martilla of Haddon 32136, A. R. 2410, F.....	395.72
Adventuress of Haddon 36685, A. R. 2965, G.....	423.27
Adventuress of Haddon 36685, A. R. 2965, E. (re-entry).....	492.40
Glen Rose of Haddon 35749, A. R. 3085, E.....	483.07
Glenwood's Gay Lass of Haddon 31224, A. R. 3278, C.....	438.50
Amie Garfield of Haddon 24351, A. R. 3557, A.....	590.46
Glenwood Girl 5th's Perfection II 37404, A. R. 3559, F.....	399.64
Selma of Waukesha 36212, A. R.—C.....	350.60
Glenwood's Main Stay II 7984, A. R.	
sire of	
Miranda of Mapleton 19606, A. R. 914, D.....	565.97
Miranda of Mapleton 19606, A. R. 914, B. (re-entry).....	540.25
Miranda of Mapleton 19606, A. R. 914, A. (re-entry).....	783.40
Miranda of Mapleton 19606, A. R. 914, A. (re-entry).....	927.16
Olga's Fawn 25647, A. R. 1625, G.....	406.98
Janet of Mapleton 20149, A. R. 2674, A.....	500.27
Rowena's Main Stay 9782, A. R.	
sire of	
Rowena Bess 24301, A. R. 2789, A.....	501.76
Hazel of Pine Grove Farm 21715, A. R. 3574, A.....	483.65
Nellie Tostevin of Mapleton 20181	
dam of	
Nellie Tostevin of Mapleton II 26449, A. R. 1863, D.....	637.71
Nellie Tostevin of Mapleton III 30318, A. R. 2121, G.....	664.01
Glenwood's Main Stay VI 8641, A. R.	
sire of	
Lemon Butter 22764, A. R. 1031, G.....	442.75
Jessica's Jewel 24445, A. R. 1344, E.....	303.29
Pleasure's Beauty 25187, A. R. 1401, G.....	354.55
Lizette 19429, A. R. 1452, A.....	400.07
Lady Trowbridge II 23015, A. R. 1478, D.....	415.43
Anita of Wasteland 24930, A. R. 1481, G.....	299.44
Hope of Landenberg 24487, A. R. 1482, G.....	281.20
Red Rose of Wasteland 23017, A. R. 1483, E.....	303.50
Golden Glenwood 10635, A. R.	
sire of	
Glen Golden 26607, A. R. 1412, E.....	318.03
Lalla Glenwood 26608, A. R. 1477, G.....	421.59
Golden Glenwood's Queen 26848, A. R. 1556, G.....	419.98
Golden Glenwood's Daughter 30565, A. R. 1746, C.....	349.16
Golden Glenwood's Daughter 30565, A. R. 1746, A. (re-entry).....	452.94
Alice Glenwood 29773, A. R. 1957, G.....	405.64
Alice Glenwood 29773, A. R. 1957, A. (re-entry).....	557.94
Glenwood Girl of the Diamond 29269, A. R. 2642, B.....	513.50
Becky Glenwood 33741, A. R. 3262, D.....	450.61
Pencader's Dorothy 36282, A. R. 3832, E.....	391.33
Senator Trowbridge 11351, A. R.	
sire of	
Senecta 28125, A. R. 2268, F.....	352.88
Miss Catania 32283, A. R. 2323, G.....	472.16
Jerusalem Queen 32284, A. R. 2393, G.....	440.05
Circenette 34099, A. R. 2605, G.....	324.41
Alcestia 34016, A. R.—D.....	379.04
Mona of Bound Brook 37981, A. R. 4017, G.....	289.15
Vega's Grandson 12210, A. R.	
sire of	
Witch III 27222, R. R.—A.....	541.59
Eather of Guernsey Knob IV 27332, A. R.—A.....	618.97
Glenwood's Main Stay XIV 8910, A. R.	
sire of	
Jean of Tawawa 19159, A. R. 873, E.....	490.25
Jean of Tawawa 19159, A. R. 873, A. (re-entry).....	588.47
Lorena of Tawawa 20131, A. R. 1351, B.....	377.50
Glenwood's Main Stay XV 9383, A. R.	
sire of	
Glenwood's Silver Girl 23781, A. R. 1363, E.....	345.46



Glenwood's Mainstay 15th 9383, A. R.

Gay Lass of Haddon 32138, A. R. 2890, E.....	379.47
Lady Mary of Haddon 38354, A. R. 3560, F.....	431.79
Elberon of Iowa 34163, A. R.—G.....	644.70
Glenwood's Main Stay XVI 9384, A. R.	
sire of	
Lilac of Pencoyd 20577, A. R. 898, F.....	406.15
Lilac of Pencoyd 20577, A. R. 898, A. (re-entry).....	609.09
dam of	
Lilac of Pencoyd II 26444, A. R. 2726, B.....	460.68
Golden Bob of Pencoyd 15833, A. R.	
sire of	
Pet's Golden Beauty 39634, A. R. 3269, G.....	450.03
Golden's Glenwood Dolly 39365, A. R. 3270, G.....	340.17
Golden's Pearl 39366, A. R. 3271, G.....	403.10
Golden's Mary 39376, A. R. 3372, G.....	323.37
Clover of Pencoyd 20578, A. R. 943, G.....	370.41
Clover of Pencoyd 20578, A. R. 943, A. (re-entry).....	546.77
Lady Archer of Pencoyd 28001, A. R. 2023, F.....	514.46
Lady Archer of Pencoyd 28001, A. R. 2023, A. (re-entry).....	650.35
Lilian of Pencoyd 23370, A. R. 2532, A.....	462.20
Lady Norwood of Pencoyd 31294, A. R. 2542, F.....	460.12
Clover of Pencoyd II 35083, A. R. 2725, G.....	481.91
Daisy of Pencoyd 35084, A. R. 2814, G.....	523.07
Lucy of Merion 42616, A. R. 3192, A.....	373.62
Queen of Salemtown II 23371, A. R. 3496, A.....	679.71
Barmouth of Pencoyd 11059, A. R.	
sire of	
Tube Rose 30636, A. R. 2046, G.....	399.87
Miss Nellie Rose 30365, A. R. 2127, G.....	328.71
May Rose of Chesterbrook 32518, A. R. 2481, G.....	312.25
Miss Villanette 27703, A. R. 2462, E.....	442.30
Polly Hyacinth 32519, A. R. 2463, G.....	318.25
Miss Ladybird 28783, A. R. 2487, E.....	311.62
Betty Honor 32729, A. R. 2572, G.....	469.88
Lady Jane of Chesterbrook 23589, A. R. 2622, G.....	319.42
Rose Queen 33965, A. R. 2840, G.....	330.70
Bessie Villanette 32891, A. R. 2918, F.....	387.77

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Pink Rose 35015, A. R. 3249, F.....	298.24
Beattie Rilma 35681, A. R. 3353, F.....	408.33
Glenwood's Main Stay XXII 11133, A. R.	
sire of	
Malinda Glenwood 33802, A. R. 2318, E.....	460.54
Primrose Olivia 29442, A. R. 2319, E.....	374.58
Primrose Maya 32506, A. R. 2482, G.....	273.96
Aurora Primrose 31539, A. R. 2913, D.....	459.78



Glenwood's Mainstay 16th 9384, A. R.

Glenwood's Reputation 7687, A. R.	
sire of	
Idalia B. 17546, A. R. 606, F.....	380.89
Cora May 22244, A. R. 1319, E.....	327.13
Lilly Glenwood 17834, A. R. 1592, A.....	639.98
Thelma Glenwood 188829, A. R. 1722, A.....	658.95
dam of	
Snippie Glenwood 29089, A. R. 1853, G.....	510.59
Glendett's Thelma Glenwood 39031, A. R. 2177, G.....	434.07
Lily Ella Glenwood 22104	
dam of	
Contrafuria 29090, A. R. 1854, G.....	534.14
Lilyett 33416, A. R. 2485, G.....	430.94
Pearl of Linden Home 24783, A. R. 1749, F.....	371.88
Cilmaenen's Glenwood Girl 18324, A. R. 1838, A.....	475.95
Broken Glenwood 20958, A. R. 2567, A.....	462.63
Beauty of Linden Home 35914, A. R. 2581, G.....	431.18
Louise of West Salem 22662, A. R. 2690, A.....	518.37
Margaret of West Salem 21535, A. R. 2812, A.....	453.97
Margaret of West Salem 21535, A. R. 2812, A. (re-entry).....	534.82
Lilyita of Linden Home II 24000, A. R. 3049, A.....	524.13
Mabel of Linden Home 23009, A. R. 3385, A.....	582.49
Mabel of Linden Home 23009, A. R. 3385, A. (re-entry).....	754.83
Preivity of Linden Home 25969, A. R. 3386, A.....	566.67
Hilda of Linden Home 23007, A. R. 3576, A.....	615.86
Reputation's May 25784, A. R. 3577, A.....	430.07
Lily of Linden Home 23010, A. R. 3839, A.....	427.86
Lovice of Linden Home 23008, A. R.—A.....	440.52
Reputation of Portage 10695, A. R.	
sire of	
Siecclea Pearl 34379, A. R. 2666, G.....	442.30

Alma Ethel 33964, A. R. 2707, G.....	495.39
Cinderella Josephine 34500, A. R. 2709, G.....	529.81
Cordella 34378, A. R. 2823, G.....	350.40
Mabel Olive 33963, A. R. 2825, G.....	493.98
Mandagay 33367, A. R. 4012, D.....	382.09
Mauley 23526	
dam of	
Cordella 34378, A. R. 2823, G.....	350.40
Cradey Lehigh 39588, A. R. 3733, G.....	449.75
Glenwood's Winner of Haddon 7880, A. R.	
sire of	
Gaiety's Glenwood 20704, A. R. 2068, A.....	528.59
Cora of West View 19344, A. R. 2083, A.....	547.44
Glenwood's Beauty 18407, A. R. 2196, A.....	435.96
Melvina's Queen's Glenwood 20706, A. R. 2325, A.....	476.09
Lucretia's Glenwood Boy of Haddon 9264, A. R.	
sire of	
Penstate's Cena Glenwood 27117, A. R. 1617, D.....	414.21
Penstate's Cena Glenwood 27117, A. R. 1617, A. (re-entry)...	481.00
Glenwood's Flovina 20824, A. R. 1666, A.....	366.22
Glenwood's Masher of Haddon 15529, A. R.	
sire of	
Algoma of Haddon 36686, A. R. 3180, F.....	344.74
Baba of Haddon 41150, A. R. 3611, G.....	360.30
Elfreda of Haddon 36575, A. R. 3668, F.....	494.56
Edith of Cox Farms 36808, A. R. 3878, F.....	376.73
Topsy of Cox Farms 45838, A. R. 3879, F.....	329.38
Mignonette of Haddon 41151, A. R.—E.....	474.94
Glenwood Boy of Waukesha 15776, A. R.	
sire of	
Woodbine's Glenwood Girl 47500, A. R. 3252, G.....	318.90
Jennie Glenwood of Inverness 54504, A. R. 3954, G.....	435.19
Molly Glenwood of Inverness 42707, A. R. 3955, G.....	366.45
Glenwood's Lynette of Inverness 43074, A. R.—G.....	339.98
Goldheels 8321, A. R.	
sire of	
Charity Kent 23632, A. R. 3683, A.....	383.24
Mina Troil II 26056, A. R. 4306, A.....	497.99
Josephine Elmhurst's Goldheels 11780, A. R.	
sire of	
Dorena of the Elms 33915, A. R.—B.....	355.58
Eltha 33914, A. R.—A.....	447.71
Glenwood Meddler of Haddon 15748, A. R.	
sire of	
Meddler's Edith of Cox Farms 45866, A. R. 4285, G.....	352.05
Glenburnie Belle 37534, A. R.—E.....	527.25
Irene V of Cox Farms 45839, A. R. 4355, G.....	370.37
Glenburnie Girl 37532, A. R.—D.....	684.83
Jessie's Wilda 17322	
dam of	
Majella of Haddon 32140, A. R. 2095, G.....	425.31
Winsome of Haddon 36966, A. R. 2649, G.....	314.00
Glen Haddon 10700, A. R.	
sire of	
Anna Glenwood 24263, A. R. 1374, G.....	296.61
Glenwood Suke 26047, A. R. 1558, G.....	347.16
Mernaline 28173, A. R. 1837, G.....	329.75
Belle Glenwood 30552, A. R. 1990, G.....	259.03
Glen Haddon's Milkmaid 34638, A. R. 2502, G.....	459.77
Glen Haddon's Patience 34639, A. R. 2817, F.....	503.52
Dot Glenwood 30556, A. R. 3868, B.....	384.18
Glenwood Twilight 24259, A. R. 4061, A.....	370.15
Glen Haddon II 14054, A. R.	
sire of	
Homewood's Helen of Troy 48024, A. R.—G.....	329.13
Iphigenia of Homewood 43961, A. R.—G.....	279.19
Glenwood's Combination 8927, A. R.	
sire of	
Toma of Hillstead 18834, A. R. 1123, C.....	468.69
Toma of Hillstead 18834, A. R. 1123, A. (re-entry).....	554.53
Toma of Hillstead 18834, A. R. 1123, A. (re-entry).....	71.596
Hildred M. of Haddon 24331, A. R. 1346, D.....	426.27

THE GUERNSEY BREED

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Crease of Haddon 28923, A. R. 1427, C.....	407.43
Hyacinth of Haddon 27337, A. R. 2224, A.....	464.49
Glenwood's Combination VI 12550, A. R.	
sire of	
Caprice of Haddon 24332, A. R. 1347, G.....	479.37
Caprice of Haddon 24332, A. R. 1347, A. (re-entry).....	625.49
Echo of Wasteland 24447, A. R. 1479, G.....	271.75
Vega's Darling 24448, A. R. 1753, E.....	343.77
Queenie of Haddon 24494, A. R. 2500, G.....	377.64
Winsome of Haddon 36966, A. R. 2649, G.....	314.00



Glenwood Girl 8th 10830, A. R. 5, B.

Cubanola of Haddon 36128, A. R. 3155, G.....	404.31
Glenwood's Barmaid of Haddon 32648, A. R. 3175, D.....	363.82
Bonnie Queen of Haddon 32137, A. R. 4201, B.....	622.92
Glenwood of Sunny Valley 13810, A. R.	
sire of	
Bud of Clover Lawn 39077, A. R. 3817, E.....	406.44
Henrietta of Clover Lawn 41756, A. R. 4344, E.....	509.71
Glenwood's Combination V 11354, A. R.	
sire of	
Combination Roselle 24928, A. R. 1480, G.....	276.83
Peggotty Glenwood 36288, A. R. 3387, F.....	314.73
Glenwood's Combination VI 11797, A. R.	
sire of	
Julia Briggs 29186, A. R. 3047, A.....	394.05
dam of	
Mary Cedar 34261, A. R. 3042, F.....	327.03
Annie Glenwood 41994, A. R. 3921, G.....	313.62
Ellenwood Beauty 36992, A. R. 3962, E.....	517.32
Vivian of Hillstead 10182, A. R.	
sire of	
Branwen 27091, A. R. 1657, F.....	339.92
Wynette 27088, A. R. 1658, F.....	329.71
Lalia 27093, A. R. 1659, F.....	435.36

Calla Luda 27092, A. R. 1660, F.....	422.97
Calla Luda 27092, A. R. 1660, A. (re-entry).....	702.25
Princess Euphemia 27843, A. R. 1834, G.....	399.84
Glenwood Girl VII 9114, A. R. 9, A.....	387.10
Glenwood Girl VIII 10830, A. R. 5, B.....	461.90

Governor of the Chene 1297, P. S.

Compact 1076, P. S.....	Recorder 1029, P. S.....	Guernsey Produce 932, P. S.
H. C. L. S., July, 1897.		
5th prize, R. G. A. S., 1898.	Sabrina 2005, F. S.	De Garis' Beauty IV 2941, P. S.
4th prize, R. G. A. S., 1898.	5th prize, R. G. A. S., 1898.	
Whitsuntide, 1899.		Rydale III 767, P. S.
		1st prize, Whitsuntide, 1892.
Richease du Chene VIII 4004, P. S.....	Rydale V 982, P. S.....	
2d prize Bath and West England Show, 1893.	5th prize, R. G. A. S., 1896.	Merry Bell II 1629, P. S.
	Richease du Chene IV 2958, P. S.....	Consul 537, P. S.
	1st prize in butter test, Royal Co. Show, 1898.	Richease du Chene 1659, F. S.

Governor of the Chene 1297, P. S., was born September 25, 1900. He was bred by F. G. Jehan, The Chene, Forest, Guernsey. He was sold while young to Thomas Le Prevost, l'Etiennerie. He lived to be 15 years of age. He won more prizes than any bull ever on the Island, as is evidenced by the following list of his winnings:

September, 1902, 2d prize; June, 1903, 1st prize; May, 1904, 2d prize; June, 1906, 3d prize; May, 1905, 1st prize; May, 1907, 2d prize; July, 1907, King's Cup; May, 1910, 2d prize; June, 1911, 2d prize; August, 1911, 2d prize; May, 1912, 2d prize; August, 1912, 1st prize.

The following is a list of his descendants:

Imp. Antoinette's Queen's Prize VII 16010, A. R. 497, E.....	415.98
dam of	
Antoinette of Chilmark 24816, A. R. 1544, G.....	456.20
Antoinette of Chilmark 24816, A. R. 1544, C. (re-entry).....	543.03
Gloriana of Chilmark 18682, A. R. 657, G.....	449.76
dam of	
Antoinette of the Chene 23124, A. R. 1127, G.....	388.74
Golden Gloriana 26331, A. R. 2273, D.....	415.17
King Masher 11084, A. R.	
sire of	
Brightness of Glenburnie 30742, A. R. 1961, G.....	553.28
Brightness of Glenburnie 30742, A. R. 1961, D. (re-entry).....	709.95
Cayuga Belle 29774, A. R. 1962, G.....	469.27
Cayuga Belle 29774, A. R. 1962, A. (re-entry).....	664.19
Glenellen 24934, A. R. 1963, E.....	515.04
Glenellen 24934, A. R. 1963, A. (re-entry).....	654.71
Masher's Glenora 29775, A. R. 1964, G.....	408.17
Oneida Belle 24985, A. R. 1966, E.....	572.94
Oneida Belle 24985, A. R. 1966, B. (re-entry).....	696.45
Masher's Elsie 24986, A. R. 1967, E.....	745.75
Masher's Elsie 24986, A. R. 1967, A. (re-entry).....	855.34
Golden Elsie II 33422, A. R. 2274, G.....	672.94
Imp. Rosina of Myrtle Place 21305, A. R. 884, E.....	481.69
Imp. Primrose II of the Brickfield 23266, A. R. 1077, F.....	351.35
Imp. Primrose II of the Brickfield 23266, A. R. 1077, A. (re-entry).....	462.57
Imp. Le Ruez's Daisy 22705, A. R. 1080, A.....	437.40
Imp. Sundari XXIV 26624, A. R. 1155, A.....	435.98
Imp. Rouge II of the Brickfield 28335, A. R. 1198, F.....	612.53
Imp. Rouge II of the Brickfield 28335, A. R. 1198, B. (re-entry).....	608.11

Imp. Rouge II of the Brickfield 28335, A. R. 1198, A. (re-entry).....	552.91
Imp. Goodwill II of the Gron 22563, A. R. 1334, A.	526.22
Imp. Violet's Pearl 30263, A. R. 1448, F.	375.32
Imp. Rose VII of the Barras 28524, A. R. 1573, C.	429.16
Imp. Rose VII of the Barras 28524, A. R. 1573, A. (re-entry).....	469.98
Imp. Moss Rose II of the Barras 28523, A. R. 1574, C.	396.79
Imp. Moss Rose II of the Barras 28523, A. R. 1574, A. (re-entry).....	429.00
Imp. Moss Rose II of the Barras 28523, A. R. 1574, A. (re-entry).....	502.73
Imp. Blackberry of the Isle 26648, A. R. 1643, C.	385.87
Imp. Princess II of the Fauxquets de Haut 30288, A. R. 1649, G.	447.18
Imp. Amy of the Vauxbelets 30279, A. R. 1650, G.	417.58
Imp. Bel Air X 30273, A. R. 1652, F.	417.99
Imp. Rosette III of the Gron 19691, A. R. 1662, A.	572.11
Imp. Red Rose Queen 32040, A. R. 1672, D.	347.96
Imp. Red Rose Queen 32040, A. R. 1672, A. (re-entry).....	513.56
dam of	
Imp. Rugby's Queen 32061, A. R. 2018, G.	351.03
Imp. Rugby's Queen II 36062, A. R. 2019, G.	354.32
Imp. Lady Bella II of the Chene 26632, A. R. 1760, A.	524.39
Imp. Mignonette IV of the Mont Varout 33392, A. R. 1829, F.	332.72
Imp. Deanie XV 18917, A. R. 1886, A.	544.49
Imp. Lohier's Topsy V 28459, A. R. 1916, C.	486.62
Imp. Governor Chene's July Rose 26661, A. R. 1979, C.	424.51
Imp. Governor Chene's July Rose 26661, A. R. 1979, A. (re-entry).....	409.11
Imp. Froome's Fascination VIII 28766, A. R. 2032, G.	361.78
Imp. Infanta du Braye 27301, A. R. 2170, B.	419.14
Imp. Maggie II of the Lohiers 28454, A. R. 22228, B.	500.41
Imp. Maggie II of the Lohiers 28454, A. R. 2228, A. (re-entry).....	494.98
Imp. Pilorget's Rose 28561, A. R. 2265, B.	502.78
Imp. Governor's Ladysmith 34337, A. R. 2326, G.	337.05
Imp. Princess of the Ruettes 34346, A. R. 2338, G.	420.20
Imp. Fortuna of Myrtle Place 20538, A. R. 2426, A.	584.97
Imp. Surabhi X 18553, A. R. 2427, A.	507.23
Imp. Lohier's Topsy IV 28455, A. R. 2594, A.	373.02
Imp. Violet des Jaonnets IV 35455, A. R. 2782, B.	388.09
Imp. Violet des Jaonnets IV 35455, A. R. 2782, A. (re-entry).....	460.69
Imp. Lady Charlotte of the Isle 28421, A. R. 2910, A.	471.85
Imp. Molly VI of the Clairmont 37507, A. R. 2946, E.	379.97
Imp. Rouge II of the Fauxquets de Haut 35754, A. R. 2964, A.	550.62
Imp. Donna of St. Andrew's 41653, A. R. 3037, G.	342.56
Imp. Governor's Minnewaska 29224, A. R. 3147, D.	327.27
Imp. Beaumont's Beauty 39476, A. R. 3229, G.	408.14
Imp. Lady of la Hougue Fouque 39433, A. R. 3364, C.	459.21
Imp. June of les Bordages 43636, A. R. 3444, G.	302.62
Imp. Mignonne of la Fallaize 28242, A. R. 3465, A.	472.68
Imp. Laura II of les Bordages 39574, A. R. 3527, D.	443.64
Imp. Nellie Lee of St. Andrews 47714, A. R. 3650, G.	450.08
Imp. Risbecq II 45230, A. R. 3652, G.	427.41
Imp. Red Rose of the Mont Varout 35461, A. R. 3669, A.	487.20
Imp. Primrose of the Gree III 33221, A. R. 3682, A.	400.09
Imp. Beauty of the King's Mills 41647, A. R. 3684, A.	413.06
Imp. Governor's Rose of the Hechet 36388, A. R. 3693, E.	466.04
Imp. Primrose of Rondibosch 44713, A. R. 3795, G.	440.47
Imp. Governor of the Chene's Primrose 44449, A. R. 3811, G.	359.27
Imp. Flora of le Briquet V 43653, A. R. 3899, F.	438.65
Imp. Roualt's Bijou II 47781, A. R. 3919, G.	325.45
Imp. Violet VII of Corbinez 44184, A. R.—F.	450.81
Imp. Charmante's Beauty II 49531, A. R. 4054, G.	437.17
Imp. Panna Donna of the Chene 50529, A. R. 4049, D.	463.12
Imp. Governor of the Chene's Diamond 36656, A. R.—C.	561.72
Imp. Bon Espoir XII 26636, A. R. 2738, A.	713.31
Imp. Sally Jane XIV 47782, A. R.—G.	257.51
Imp. Governess of Clos Hoguet 46413, A. R. 4316, D.	529.03
Imp. Governor of the Chene's Lily 44940, A. R.—F.	482.80
Imp. Bon Espoir of the Hechet 39737, A. R.—D.	501.16
Imp. Cora's Governor of Chilmark 8971, A. R.	
sire of	
Lenore of Chilmark 20614, A. R. 826, G.	452.24
Chene Lenore 21984, A. R. 989, G.	404.84
Antoinette of the Chene 23124, A. R. 1127, G.	388.74
Lady Governor 23130, A. R. A. R. 1128, G.	286.20
Lady Governor 23130, A. R. 1128, B. (re-entry).....	517.79

Chilmark Lassie 23129, A. R. 1151, G.....	363.29
Chenette 23125, A. R. 1152, F.....	417.72
Countess of Chilmark 24807, A. R. 1325, G.....	308.08
Queen of Chilmark 24809, A. R. 1326, G.....	323.56
Honorio of Chilmark 21985, A. R. 1384, E.....	340.66
Cora's Beatrice 24808, A. R. 1405, F.....	368.27
Caroline of Chilmark 24812, A. R. 1462, G.....	308.55
Governor's Nosegay 26239, A. R. 1542, D.....	354.18
Governor's Nosegay 26239, A. R. 1542, A. (re-entry).....	540.33
Governess of the Isle 24815, A. R. 1543, G.....	337.12
Antoinette of Chilmark 24816, A. R. 1544, G.....	456.20
Antoinette of Chilmark 24816, A. R. 1544, C. (re-entry).....	545.03
Governess Carteret 23128, A. R. 1604, E.....	400.94
Lady Chene 23126, A. R. 1663, D.....	383.01
Cora's Bella 26334, A. R. 1663, D.....	383.01
Cora's Bella 26334, A. R. 1735, G.....	476.51
Beatrice of the Isles II 28011, A. R. 1935, G.....	473.67
Paradocia of Chilmark 28015, A. R. 1936, G.....	529.06
Clara's Caroline of Chilmark 28144, A. R. 1937, G.....	529.06
Countess Galore of Chilmark 30965, A. R. 2119, G.....	512.16
Dawn of Woodend 32964, A. R. 2414, G.....	509.02
Primana of Woodend 32242, A. R. 2416, F.....	374.51
Primana of Woodend 32242, A. R. 2416, B. (re-entry).....	531.16
Sunbeam of Woodend 32963, A. R. 2886, F.....	316.63
Martha of Woodend 34448, A. R. 2887, G.....	453.61
Lucretia Maid of Woodend 34449, A. R. 3111, F.....	347.35
First Dawn of Woodend 38659, A. R. 3440, G.....	473.68
Homestead Cora of Woodend 39329, A. R. 3841, G.....	402.26
Rosalie of Woodend 39337, A. R. 4053, F.....	432.66
Mayflower Marshall III 41269, A. R.—F.....	363.24
Lola's Cora of Woodend 43103, A. R. 4319, G.....	353.50
Countess Cora of Woodend 37728, A. R. 4317, E.....	551.90
Caroline of Woodend 45312, A. R. 4273, G.....	403.90
Beatrice of Woodend 39338, A. R. 4272, E.....	459.69
Count of Chilmark 11364, A. R. sire of	
Wern's Ora 29709, A. R. 2564, F.....	386.62
Canary of Daisydale V 26997, A. R. 2744, C.....	475.50
Justice of the Chene 11711, A. R. sire of	
Lady Justmore 30964, A. R. 2621, E.....	453.89
Justice's Beatrice 32635, A. R. 2699, F.....	459.45
Honorio of the Chene 32634, A. R. 2881, E.....	370.93
Justice Lenore 32632, A. R. 3024, E.....	399.48
Nosegay of the Chene 30966, A. R. 3758, C.....	371.65
Archer of Chilmark 11364, A. R. sire of	
Archer's Golden Lenore 32636, A. R. 2753, F.....	361.43
Archer's Queen of Chilmark 32629, A. R. 3015, E.....	389.56
Chilmark's Replica 36259, A. R. 3083, G.....	425.72
Countess Archer 32633, A. R. 3413, D.....	447.45
Archeen 36261, A. R. 3609, G.....	351.96
Imp. Governor I of the Chene 10563, A. R. sire of	
Madge's Chena 30542, A. R. 1579, D.....	531.73
Madge's Chena 30542, A. R. 1579, B. (re-entry).....	576.13
Madge's Chena 30452, A. R. 1579, A. (re-entry).....	619.57
Chene's Pomara 30449, A. R. 1683, D.....	555.54
Chene's Pomara 30449, A. R. 1683, A. (re-entry).....	619.70
Susan Chene 30469, A. R. 1925, F.....	414.96
Susan Chene 30469, A. R. 1925, C. (re-entry).....	620.68
Susan Chene 30469, A. R. 1925, A. (re-entry).....	637.84
Molly Chene 30453, A. R. 2246, C.....	498.25
Molly Chene 30453, A. R. 2246, A. (re-entry).....	670.39
Chene's Maud 30450, A. R. 2248, A.....	439.81
Chene's Marie 30457, A. R. 2437, C.....	405.27
Princess of the Chene 30461, A. R. 2438, C.....	524.41
Princess of the Chene 30461, A. R. 2438, A. (re-entry).....	739.33
Governor's Pauline 30472, A. R. 2441, F.....	505.72
Governor's Pauline 30472, A. R. 2441, C. (re-entry).....	844.67
Lady of the Chene 30544, A. R. 2443, F.....	440.23
Lady of the Chene 30544, A. R. 2443, C. (re-entry).....	624.22

Governess of the Chene 30891, A. R. 2444, F.....	453.68
Governess of the Chene 30891, A. R. 2444, D. (re-entry).....	667.96
Governor's Lady Baltimore 33378, A. R. 2470, G.....	395.63
Jehanna Chene 30889, A. R. 2588, E.....	863.36
Governor's Princess Pomara 32094, A. R. 2729, F.....	518.96
Julie of the Chene 30460, A. R. 2752, B.....	827.26
Julie of the Chene 30460, A. R. 2752, A. (re-entry).....	953.53
Governor's Madge Chena 34150, A. R. 2837, G.....	442.94
Governor's Hyacinth 33018, A. R. 2838, E.....	406.64
Chenette Emerande 30458, A. R. 2927, A.....	567.02



Imp. Governor I of the Chene 10563, A. R.

Chenette Emerande 30458, A. R. 2927, A. (re-entry).....	586.79
Homestead Dragonette 32879, A. R. 3007, E.....	461.79
Cynthia Chene 30467, A. R. 3020, C.....	425.01
Meranda Fernwood II 29519, A. R. 3137, A.....	486.63
The Governor's Affinity 33799, A. R. 3512, E.....	368.94
Lucinda Chene 30470, A. R. 3856, A.....	565.44
Golden Hero of l'Etiennerie (Imp.) 12647, A. R.	
sire of	
Imp. Rose Pelley II 21344, A. R. 810, G.....	478.94
Imp. Ninette of the Prevosts 22713, A. R. 879, G.....	442.12
Imp. Ninette of the Prevosts 2713, A. R. 879, B. (re-entry).....	646.21
Imp. Golden Rose of the Effards 23570, A. R. 1305, F.....	373.08
Imp. Golden Rose of the Effards 23570, A. R. 1305 B. (re-entry).....	585.14
Imp. Freesia VIII 29359, A. R. 1655, C.....	419.41
Imp. Freesia IX 31617, A. R. 1716, D.....	418.46
Imp. Maypole IV 38853, A. R. 2650, A.....	475.05
Imp. Lily de Bas III 23563, A. R. 2945, A.....	684.05
Imp. Beauty of le Briquet 23276, A. R. 3539, A.....	512.51
Imp. Belinda IV 31619, A. R.—A.....	584.62
Hero's Calla 45543, A. R.—G.....	325.50
Imp. Bijou's Star 13829, A. R.	
sire of	
Imp. Golden Beauty of les Belles 32059, A. R. 1939, G.....	391.78
Imp. Mont Varouf Beauty 34326, A. R. 2307, E.....	480.84
Imp. Snowdrop of Bickleigh 44569, A. R. 3044, C.....	461.93
Gleaner of les Blancs Bois (R. G. A. S. 2250, P. S.), A. R.	
sire of	
Imp. Lady Victorine IV 45959, A. R. 3115, G.....	483.33
Imp. Nanette of Belle Vernon 42820, A. R. 3439, G.....	389.35
Imp. Bel Air of Anna Dean Farm 46955, A. R. 3514, F.....	531.42
Imp. Nellie des Blancs Bois XI 45971, A. R. 3818, F.....	429.79

Imp. Violet of la Crouette 48373, A. R. 3849, F.....	485.21
Cocot III (R. G. A. S. 2327, P. S.), A. R.	
sire of	
Imp. Primrose of the Hechet 43651, A. R. 3580, G.....	406.16
Imp. Felicianna Belle 63887, A. R.—E.....	383.33
Imp. Holden IV 12179, A. R.	
sire of	
Beatrice of Keewaydin 34861, A. R. 2276, G.....	435.40
Miranda of Edgewater 30970, A. R. 2363, E.....	730.49
Miss La Hougue 30971, A. R. 2457, F.....	528.40
Cherry of Edgewater 38413, A. R. 3361, G.....	732.97
Jan of Edgewater 36022, A. R. 3516, F.....	417.04
Fanny of Guilberts 38392, A. R.—E.....	313.04
Imp. Natoma's Domingo 10603, A. R.	
sire of	
Estrada 24538, A. R. 1720, E.....	458.76
Estrada 24538, A. R. 1720, C. (re-entry).....	605.58
Estrada 24538, A. R. 1720, A. (re-entry).....	642.35
Natoma Bedelia 30732, A. R. 1945, G.....	289.22
Imp. Royal Golden Hero 16905, A. R.	
sire of	
Imp. Golden Hero's Daisy 36364, A. R. 2464, G.....	457.21
Imp. Fleury's Dairy III 36367, A. R. 2527, G.....	456.62
Imp. Charmante's Golden 41651, A. R. 2773, G.....	539.80
Royal Golden Hero II 2763, P. S., A. R.	
sire of	
Imp. Lisle of Linwood 48099, A. R.—G.....	363.56
Imp. Lady Hero of Bellview 49762, A. R.—G.....	387.52
Imp. Young Hero 12181, A. R.	
sire of	
Colnia of Hillhurst 35496, A. R. 2582, F.....	495.46
Dagna of Hillhurst 35969, A. R. 2857, F.....	584.04
Dena of Hillhurst 34433, A. R.—E.....	323.43
Imp. General of the Chofins 12184, A. R.	
sire of	
Polly of Halcyon 25121, A. R. 2842, G.....	387.42
Alcata 31407, A. R. 3338, C.....	384.52
Aldata 31408, A. R. 3747, C.....	339.23
Majesty of Ida Cottage (R. G. A. S. 1902, P. S.), A. R.	
sire of	
Imp. Lizette IV of the Bourg de Bas 33391, A. R. 1781, F.....	384.54
Imp. Lizette IV of the Bourg de Bas 33391, A. R. 1781, A. (re-entry).....	490.97
Imp. Jersey II 33390, A. R. 1893, F.....	332.00
Imp. Majesty's Rose 32018, A. R. 3310, B.....	424.30
Imp. Lily des Rondiaux 34992, A. R. 3397, A.....	464.08
Imp. Lily des Rondiaux 34992, A. R. 3397, A. (re-entry).....	336.23
Imp. Primrose of Anna Dean Farm 46904, A. R. 3511, A.....	489.27
Imp. Primrose of les Portelettes 35524, A. R. 4065, A.....	419.69
Imp. Rosy IV of La Hure 31659, A. R. 4284, A.....	606.09
Imp. Nelson of the Simons (R. G. A. S. 2371, P. S.), A. R.	
sire of	
Imp. Arbela of Linwood 52607, A. R. 3888, F.....	356.07
Imp. Lily II des Fontaines 39639, A. R.—F.....	340.67
My Star (R. G. A. S. 2393, P. S.), A. R.	
sire of	
Imp. Fanny III of Plaisance 48451, A. R. 3947, G.....	380.87
Imp. Daisy of la Collinette 46429, A. R. 3983, G.....	452.15
Imp. Sunstar of Tristram Farm 52769, A. R. 4361, F.....	376.62
Imp. Old Paddy 16903, A. R.	
sire of	
Imp. Hautville Rose IV 27829, A. R. 1499, E.....	415.08
Imp. Hautville Rose IV 27829, A. R. 1499, A. (re-entry).....	591.86
Imp. Morwenna 28484, A. R. 1714, E.....	401.02
Imp. Miranda of Park Farm 28479, A. R. 2075, C.....	444.15
Imp. Miranda of Park Farm 28479, A. R. 2075, A. (re-entry).....	522.62
Imp. Old Paddy's Beauty 29322, A. R. 2227, G.....	533.00
Imp. Old Paddy's Beauteous 37784, A. R. 2865, G.....	438.50
Imp. Mildred II of les Godaines 55120, A. R. 4111, C.....	575.06
Imp. Autumn Beauty of the Isle 50402, A. R. 4269, A.....	427.26
Imp. The Conqueror II 15323, A. R.	
sire of	
Imp. Lucassienne IV of the Vauquiedor 25581, A. R. 1340, G.....	264.20

Imp. Conqueror's Violet Le Bas 22598, A. R. 1432, F.....	354.25
Imp. Lizette III of the Bourg de Bas 29368, A. R. 1517, G.....	401.05
Imp. Lizette III of the Bourg de Bas 29368, A. R. 1517, A. (re-entry)...	525.18
Imp. Violet IV of Corbinez 32405, A. R. 1780, G.....	456.70
Imp. Violet IV of Corbinez 32405, A. R. 1780, A. (re-entry).....	756.72
Imp. Daisy Moon III 28471, A. R. 1909, D.....	710.70
Imp. Daisy Moon III 28471, A. R. 1909, A. (re-entry).....	928.39
Imp. Beauty II des Rondiaux 28420, A. R. 2243, C.....	587.54
Imp. Conqueror's Minette 33795, A. R. 2530, G.....	350.54
Imp. Lady Gree VI 40065, A. R. 2659, A.....	560.90
Imp. Lady Gree VI 40065, A. R. 2659, A. (re-entry).....	710.12
Imp. Ivy of La Masse 31645, A. R. 3027, C.....	512.34
Imp. The Conqueror's Star 44567, A. R. 3045, B.....	452.23
Imp. Dairy Maid II of the Gree 31682, A. R. 3390, B.....	376.31
Imp. Darling of Melrose 28558, A. R. 2588, A.....	467.98
Imp. Beauty of Melrose 32020, A. R. 3760, B.....	452.88
Imp. Beauty III des Fontaines 32008, A. R. 3810, A.....	515.62
Imp. Violet des Rondiaux 34981, A. R. 3864, A.....	430.47
Imp. Governor II of the Gree 19123, A. R.	
sire of	
Imp. Mignonne II of the Corbinez 35536, A. R. 2846, E.....	411.47
Imp. Lily de la Forge 39734, A. R. 2896, G.....	282.30
Imp. Lily II of Corbinez 35533, A. R. 3113, E.....	364.55
Imp. Lady Fanny II of Guilberts 40020, A. R. 3210, D.....	358.26
Imp. Violet of the Gree VI 39669, A. R. 3235, G.....	370.96
Imp. Fanny of Pleinmont 44260, A. R. 3250, G.....	453.97
Imp. Charmante's Lady Gree 38239, A. R. 3351, G.....	318.99
Imp. Cliffdale's Daisy 38482, A. R. 3398, G.....	335.23
Imp. Princess du Braye II 44265, A. R. 3790, E.....	393.44
Imp. Fleurie II of Buttes View 40088, A. R. 3801, D.....	599.07
Imp. Alexandra of the Gree 40096, A. R. 3991, D.....	498.41
Imp. Berhon of Sarnia 46558, A. R.—F.....	384.16
Imp. Coronation Daisy 49065, A. R.—D.....	567.20
Ivy Leaf (R. G. A. S. 2197, P. S.), A. R.	
sire of	
Imp. Jessy Rose XII 43628, A. R. 2935, G.....	398.87
Imp. Le Pelley's Jane's Daughter 34738, A. R. 3639, E.....	489.39
Imp. Princess Mary of Pine Grove 47943, A. R. 3820, E.....	408.58
Imp. Primrose II of the Courtil Ronchin 40661, A. R. 4288, C.....	523.25
Brilliant of the Gree (R. G. A. S. 2377, P. S.), A. R.	
(See picture, page 102, Chapter III.)	
sire of	
Imp. Careless of Anna Dean Farm 47023, A. R. 3675, G.....	471.90
Imp. Polly III of St. Briocq 44274, A. R. 3846, G.....	520.84
Imp. Beauty IV of the Gree 48450, A. R. 3950, F.....	401.23
Imp. Bienvenue of the Isle 53788, A. R. 4119, G.....	373.72
Imp. Jeanette III of les Sages 51804, A. R. 4195, G.....	329.46
Imp. Violet of St. Croix 47085, A. R. 4222, G.....	465.81
Imp. Ruby II of La Croisee 44193, A. R. 4252, G.....	452.61
The Conqueror V 2407, P. S. (R. G. A. S.), A. R.	
sire of	
Imp. Margo II of Les Jehans 44192, A. R. 3971, G.....	552.81
Imp. Molly II of the Croisee 44189, A. R. 4079, F.....	304.61
Corfu IV 28720 (Imp.)	
dam of	
Governor's Lady Corfu 34173, A. R. 3040, F.....	336.47
Spotswood's Lady Corfu 42169, A. R. 3719, G.....	359.18
Imp. Royal Governor of l'Etienneerie (R. G. A. S. 1484, P. S.), A. R.	
sire of	
Imp. Kathleen VI of Les Houards 21347, A. R. 866, F.....	337.04
Imp. Kathleen VI of Les Houards 21347, A. R. 866, A. (re-entry).....	466.50
Imp. Queen Regent IV 22716, A. R. 1000, G.....	583.66
Imp. Queen Regent IV 22716, A. R. 1000, A. (re-entry).....	694.58
Imp. Queen Regent IV 22716, A. R. 1000, A. (re-entry).....	889.57
Imp. Countess Sucotte XII 27489, A. R. 1531, A.....	463.39
Imp. Countess Sucotte XII 27489, A. R. 1531, A. (re-entry).....	634.30
Imp. Rosette IV of the Gron 21352, A. R. 1867, A.....	482.85
Imp. Rouge III of the Brickfield 28376, A. R. 2000, G.....	395.85
Imp. Rouge III of the Brickfield 28378, A. R. 2000, D. (re-entry).....	632.79
Imp. Wallflower 27554, A. R. 2342, A.....	380.62
Imp. Sweet Maggie I 33220, A. R. 2577, A.....	457.01
Royal Beauty of Clairmont 23552, A. R. 2691, A.....	597.37

Imp. Lady Rosalie of St. Saviours 44565, A. R. 3876, A.	373.88
Imp. Charmante's Pride II 35773, A. R. 4229, A.	400.08
Deanie's Jewel (R. G. A. S. 1790, P. S.), A. R.	
sire of	
Imp. Blossom III of the Ponchez 25795, A. R. 1281, G.	395.33
Imp. Royal Lady of the Isle 27500, A. R. 1379, G.	289.44
Imp. Royal Lady of the Isle 27500, A. R. 1379, A. (re-entry)	478.99
Imp. Polly V of the Beaulieu 27497, A. R.—A.	438.89
Deanie's Sequel 14630, A. R.	
sire of	
Briarbank Queen 36760, A. R. 3035, G.	366.32
Gobang of Briarbank 36005, A. R.—D.	452.19
Princess Sequel 42062, A. R.—G.	370.40
Nellie's Carnation 42061, A. R.—G.	417.36
Sir Marcus (R. G. A. S. 1816, P. S.), A. R.	
sire of	
Imp. Aimable IV of the Vauquiedor 25580, A. R. 1339, G.	336.08
Imp. Sookay of the Vauquiedor 25582, A. R. 1342, G.	322.67
Imp. Rosenheim II of the Hall 28468, A. R. 1567, E.	455.32
Imp. Rosenheim II of the Hall 28468, A. R. 1567, A. (re-entry)	643.89
Imp. Fillpail IV of the Hall 35462, A. R. 1810, F.	447.40
Imp. Fillpail IV of the Hall 35462, A. R. 1810, A. (re-entry)	661.98
Imp. Lily II of the Hall 28470, A. R. 2040, C.	336.04
Imp. Hubert's Jessie IV 34324, A. R. 2308, F.	494.63
Imp. Fete Maid of Anna Dean Farm 46903, A. R. 3021, B.	501.32
Imp. Pride of Day 17126, A. R. (See picture, page 70, Chapter III.)	
sire of	
Imp. Daisy Bas 26948, A. R. 1536, G.	407.93
Imp. Daisy Bas 26948, A. R. 1536, B. (re-entry)	471.22
Imp. Dairy of the Courtil au Preel 30285, A. R. 1648, G.	405.88
Imp. Penderosa of the Vauxbelets 30282, A. R. 2456, D.	320.90
Imp. Flory de Bas 26950, A. R. 2701, E.	434.05
Imp. Flory de Bas 26950, A. R. 2701, C. (re-entry)	534.84
Imp. Flory de Bas 26950, A. R. 2701, A. (re-entry)	517.60
Imp. Brickfield Pride 31972, A. R. 2807, D.	472.86
Imp. May's Pride of Castel 40070, A. R. 2843, D.	497.18
Imp. Lenore's Gem 36436, A. R. 3437, D.	485.14
Isabel of Waddington 42218, A. R. 4211, G.	432.83
Fidetta of Waddington 43413, A. R. 4393, G.	393.22
Imp. Souvenir de l'Etiennerie 21925, A. R.	
sire of	
Imp. Golden Wish 35248, A. R. 2785, G.	458.09
Imp. Daisy of the Forest 39690, A. R. 3079, G.	373.43
Imp. Violet des Jaonnets VI 44622, A. R. 3080, G.	402.67
Imp. Honey Bee of St. Saviours 44618, A. R. 3184, G.	564.73
Imp. Rosetta IV of the Vauxbelets 35543, A. R. 3205, F.	423.17
Imp. Bridget II of the Hougue Fouque 44624, A. R. 3656, F.	424.10
Imp. Mont Varouf Beauty II 48369, A. R. 4048, D.	540.49
Imp. Polly of le Briquet 43669, A. R.—F.	369.59
Diavolo (R. G. A. S. 1858, P. S.), A. R.	
sire of	
Imp. Lady May of the Isle 28493, A. R. 1915, E.	342.48
Imp. Lady May of the Isle 28493, A. R. 1915, A. (re-entry)	526.29
Imp. Mirabelle X 26682, A. R. 2511, B.	607.08
Braye Boy III (R. G. A. S. 1868, P. S.), A. R.	
sire of	
Imp. Noble Girl III of Glynn 35573, A. R. 2724, G.	320.79
Imp. Golden Heart II of Glynn 44551, A. R. 2847, G.	392.45
Jap I (R. G. A. S. 1785, P. S.), A. R.	
sire of	
Vazon Rose II 28571, A. R. 1676, F.	313.53
Vazon Rose II 28571, A. R. 1676, A. (re-entry)	405.22
Mouquette X of the Douit 26671, A. R. 1587, C.	396.70
Roebuck (R. G. A. S. 1923, P. S.), A. R.	
sire of	
Dawn of Les Vesquesses 31649, A. R. 1750, F.	416.63
Dawn of Les Vesquesses 31649, A. R. 1750, B. (re-entry)	580.70
Dawn of Les Vesquesses 31649, A. R. 1750, A. (re-entry)	659.00
Imp. Dairy's Pride 50689, A. R. 4122, A.	459.49
Imp. Betsey of the Ponchez II 23241	
dam of	
Betsey of Dellwood 28671, A. R. 1738, G.	461.32

THE GUERNSEY BREED

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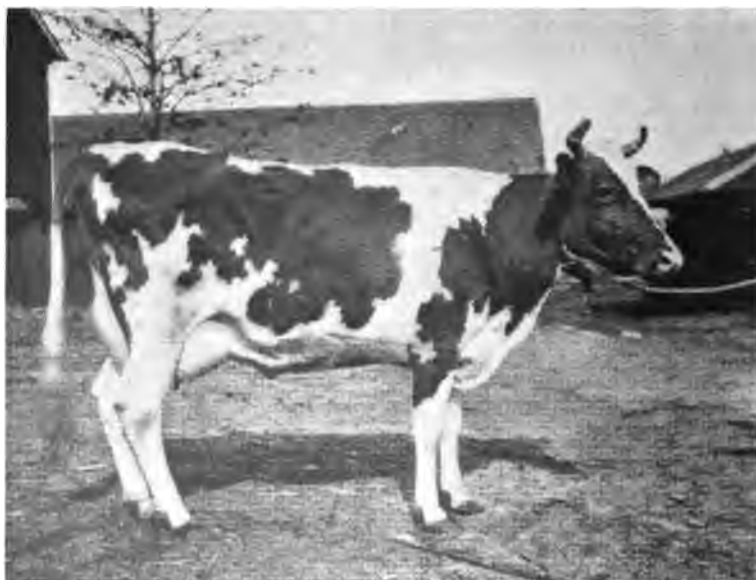
Rival's Merry Bell of Dellwood 38154, A. R. 3317, G.....	417.88
Pride of the Friquet (R. G. A. S. 325, F. S.), A. R.	
sire of	
Imp. Bel Air of Koshkonong Place 35634, A. R. 1994, B.....	351.93
Imp. Duchess II of the Vrangue 26668, A. R. 2623, A.....	434.42
Imp. The Conqueror III 19815, A. R.	
sire of	
Imp. Gouvernante II 35525, A. R. 2220, G.....	479.17
Imp. Lady Gree's Daughter 28321, A. R. 2754, D.....	453.06
Imp. Gouvernante III 40663, A. R. 2951, G.....	323.60
Imp. Sweet Melrose des Simons IV 44577, A. R. 3230, F.....	334.96
Imp. Blueblood of Sarnia 46554, A. R. 3406, F.....	274.97
Imp. Gold Girl 34088, A. R. 3431, E.....	450.68
Imp. Violet des Valettes II 44182, A. R. 4080, E.....	434.91
Imp. Because of Sarnia 47625, A. R.—D.....	370.13
Imp. Gay Boy of the Isle 16998, A. R.	
sire of	
Imp. Ida's Princess 35122, A. R. 2758, G.....	408.00
Imp. Hottot's Maggie III 39632, A. R. 3236, F.....	429.39
Broken Horn's Lassie 38258, A. R. 3665, E.....	329.50
Surprise of Lone Pine 40864, A. R. 3787, G.....	425.13
Delight of Lone Pine 40865, A. R. 3788, G.....	418.37
Lady Enid of Lone Pine 40863, A. R. 3932, G.....	407.48
Red Rose's Hope of Lone Pine 46027, A. R.—G.....	451.09
Imp. Florham Governor 10213, A. R.	
sire of	
Belladia 31909, A. R. 2801, D.....	669.95
DeWitt's Starlight of Graymont 39233, A. R. 3928, F.....	333.27
Florham of the Elms 14697, A. R.	
sire of	
Ona of the Elms II 33916, A. R. 3174, E.....	459.35
Silver Belle of the Elms 33917, A. R. 3754, D.....	587.97
Eva's Violet 35944, A. R. 4278, D.....	592.56
Imp. Gay Lad III du Braye 17132, A. R.	
sire of	
Imp. Lisette of St. Sampson's 40608, A. R. 2952, G.....	426.63
Imp. Ladyship II of da Turquie 39673, A. R. 3231, F.....	435.98
Imp. Gay Girl of the Duvaux 39665, A. R. 3234, F.....	383.48
Coronation King IV (R. G. A. S. 1704, P. S.), A. R.	
sire of	
Imp. Rosette I of Plaisance 28245, A. R. 3466, A.....	532.18
Imp. Charmante's Coronation 27550, A. R. 3500, A.....	581.33
Imp. Florrie of the Palotterie VI 53528, A. R. 4308, A.....	501.06
St. John 2063, P. S., A. R.	
sire of	
Imp. Gracey of la Hougue 39441, A. R. 2480, F.....	318.19
Imp. Fanisinjon 35402, A. R. 2926, F.....	436.30
Imp. Gold Leaf of the Isle 36328, A. R. 3729, B.....	534.12
Imp. Flora's Sequel of Vimiera 25905, A. R.	
sire of	
Imp. Audrey of Ore Hill 52268, A. R.—F.....	434.60
Imp. Anita of Ore Hill 52273, A. R.—G.....	394.70
Rosette IV of the Bourg (R. G. A. S. 7706, P. S.)	
dam of	
Imp. Careless of Anna Dean Farm 47023, A. R. 3675, G.....	471.90
Imp. Daisy of the Bourg 36336, A. R. 3869, C.....	566.24
Cocot II (R. G. A. S. 2007, P. S.), A. R.	
sire of	
Imp. Ida of Koshkonong Place 35649, A. R. 3356, C.....	353.42
Imp. Pulias's Beauty 31916, A. R. 3740, C.....	423.57
Butter Boy III of the Braye (R. G. A. S. 2388, P. S.), A. R.	
sire of	
Imp. Daisy II of Richmond Cottage 44716, A. R. 3594, G.....	435.38
Imp. Butter Girl of Cloverley 44186, A. R. 3969, F.....	419.33
Imp. Ladybird II of the Braye 44513, A. R. 3970, G.....	417.35
Imp. Princess du Braye III 44879, A. R. 3972, G.....	367.15
Imp. Daisy du Haut Chemin 49070, A. R. 4002, G.....	360.80
Imp. Miss Mac of Cloverley 44878, A. R. 4225, F.....	421.56
Governor of the Chene II (R. G. A. S. 1807, P. S.), A. R.	
sire of	
Imp. Whiteface of the Isle 29383, A. R. 2064, E.....	329.14
Imp. Whiteface of the Isle 29383, A. R. 2064, A. (re-entry).....	394.93

THE GUERNSEY BREED

Imp. Brunette II du Carrefour 31960, A. R.—A..... 454.23
 May Lad 2717, P. S. (R. G. A. S.), A. R.
 sire of
 Imp. Bountiful of Anna Dean Farm 46912, A. R. 3098, F..... 419.70
 Imp. Elliott's Fascination III 47150, A. R. 3743, E..... 466.13

Jedetta 11966, A. R. 227.

Imp. Annatto 3887..... Sire of Jedetta, 451.07 lbs. fat.	{	Ringleader 590, P. S.....	{	Advantage 463, P. S.
		1st prize, R. G. A. S.,		1st prize, R. G. A. S.,
		1891.		1888.
		1st prize, R. G. A. S.,		Unity 1576, P. S.
		1892.		1st prize, R. G. A. S.,
				1888 and 1889.
		Vrangue's Favorite IV		Golden Fleece II 366, P.
		1923, P. S.....		S.
				1st prize, R. G. A. S.,
				1887.
				Vrangue's Favorite 1325,
				F. S.
				1st prize, R. G. A. S.,
				1893.
				Imp. Safeguard 1790.
		Ampere 2990		Imp. Lady Bountiful 3659.
Derita 7668	{			Imp. Midas 2003.
		Abilene 5651		Imp. Rosy Cross 3662.



Jedetta 11966, A. R. 227.

THE GUERNSEY BREED

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Born February 25, 1899. Bred by Levi P. Morton, Rhinecliff, N. Y.
Record: 451.07 pounds fat.

Dam of		
Jedetta II 19630, A. R. 623, G.....		410.69
Jedetta II 19630, A. R. 623, D. (re-entry).....		482.10
Jedetta II 19630, A. R. 623, A. (re-entry).....		483.61
dam of		
Jedetta C. of Pinchurst 31178, A. R. 2760, F.....		418.80
Jedettine of Pinchurst 36194, A. R. 3376, G.....		403.18
Glendett of Pinchurst 13901, A. R.		
sire of		
Glendett's Thelma Glenwood 39031, A. R. 2177, G.....		404.07
Lilyett 33416, A. R. 2485, G.....		430.94
Jedetta III 21496, A. R. 1298, D.....		431.19
Jedetta III 21496, A. R. 1298, A. (re-entry).....		451.83
Jedetta IV 25198, A. R. 1070, G.....		292.29
Jedetta of Pinchurst 17434, A. R. 502, G.....		424.02
Jedetta of Pinchurst 17434, A. R. 502, A. (re-entry).....		778.80
dam of		
Jedetta of Pinchurst II 25704, A. R. 2151, D.....		437.93
Jedetta of Pinchurst II 25704, A. R. 2151, A. (re-entry).....		513.71
Jedetta of Iowa 35977, A. R. 3782, E.....		350.83

Kathleen Cottie 5403, A. R. 45.

Traveller 3d 1644.....	{ Imp. Traveller 340.....	{	
	{ Imp. Guernsey Lily 329.	{	Imp. Jessie of Lester Manor 740. 18 lbs. butter in 7 days.
			Imp. Gold Fern 243.
Maple Glen Cottie 3002..	{ Glenwood 531	{	
	{ Sire of Trilby of Wil-	{	Imp. Lady May 531.
	{ low Banks, 433.9 lbs. fat.	{	19 lbs. butter in 7 days.
	{ Viola of Owega 1312.....	{	Imp. Rodolph of Guern-
		{	sey 86.
			Cottie's XVII 205.

Born November 6, 1890. Bred by Corydon Peck, Locke, N. Y.
Record: A, 381.45 lbs. fat.

Dam of		
Cottie of Belle Vernon 17349, A. R. 788, D.....		362.96
dam of		
Cottina 21530, A. R. 964, F.....		327.56
Cottina 21530, A. R. 964, A. (re-entry).....		550.47
Cottina 21530, A. R. 964, A. (re-entry).....		703.59
Noble's Countess Cottie 33797, A. R. 2539, G.....		356.22
Kathleen's Lily Ella 23467, A. R. 1682, D.....		464.14
Katrina Belle 19573, A. R. 1215, C.....		398.18
Katrina Belle 19573, A. R. 1215, A. (re-entry).....		454.18
Pauline of Belle Vernon 17348, A. R. 911, A.....		478.37
Pauline of Belle Vernon 17348, A. R. 911, A. (re-entry).....		524.05
Kathleen Cottie II 20097, A. R. 1920.....		482.25
Kathleen's Traveller 4119, A. R.		
sire of		
Marguerite T. 12981, A. R. 297, A.....		515.19
Tritoma's Blanche 12926, A. R. 428, A.....		382.26
dam of		
Russet Velvet 22286, A. R. 1411, E.....		383.24
Butterscotch 15748, A. R. 2460, A.....		413.13
dam of		
Annie Butterscotch 22760, A. R. 1725, C.....		381.95
Daisy Butterscotch 24452, A. R. 1851, E.....		447.06
Miss Butterscotch 19833, A. R. 2149, A.....		484.75
Cottie's Munroe 11166, A. R.		
dam of		
Brighteyes of Elm Place 14166, A. R. 184, G.....		335.65
Cottie of Elm Place 14167, A. R. 16, F.....		352.63

Lady Gemsey 28922.

Darius of Sunnyside 2716.	{ Darius 1164	Imp. Forget-me-not 587.
		Imp. Daisy Le Galle 1100
	{ Gemsey 175	Imp. Sir Champion 38.
		Jessie of Green Bank 174.
Anna of Haddon 9527....	{ Kalmia 740	Imp. Amber Chief 145.
		Imp. Juno 2d of Les Cheminant 858.
	{ Annie 544.....	Imp. Sir Champion 38.
		Jessie of Green Bank 174.

Born December 27, 1891. Bred by E. T. Gill, Haddonfield, N. J.

Dam of		
Lady Gemsey VI 31044, A. R. 1812, A.....		557.80
dam of		
Soso of Alfalfa Farms 31064, A. R. 1819, E.....		420.39
Soso of Alfalfa Farms 31064, A. R. 1819, A. (re-entry).....		495.70
Ruby of Alfalfa Farms 33177, A. R. 3255, D.....		457.11
Lady Gemsey V 31032, A. R. 2315, A.....		433.20
dam of		
Emma of Alfalfa Farms 31057, A. R. 1816, C.....		507.23
Mollie of Alfalfa Farms 31050, A. R. 2344, A.....		400.43
Sandbur's Dory 16412, A. R.		
sire of		
Pet of Alfalfa Farms 31045, A. R. 1815, A.....		477.21
Gray Girl of Alfalfa Farms 31068, A. R. 2297, E.....		322.42
Lucy A. 36128, A. R. 3156, G		264.24
Lady Gemsey II 31025		
dam of		
Effie of Alfalfa Farms 31058, A. R. 1759, E.....		554.81
Effie of Alfalfa Farms 31058, A. R. 1759, A. (re-entry).....		497.03
Effie of Alfalfa Farms 31059, A. R. 1759, A. (re-entry).....		618.03
Emily of Alfalfa Farms 33813, A. R. 1818, G.....		445.55
Clara of Alfalfa Farms 31029		
dam of		
Peggy of Alfalfa Farms 31060, A. R. 1814, A.....		403.41
Violet of Alfalfa Farms 31374, A. R. 2637, A.....		463.31
Alfalfa Girl 31028		
dam of		
Maggie of Alfalfa Farms 31048, A. R. 2159, A.....		533.66
Maggie of Alfalfa Farms 31048, A. R. 2159, A. (re-entry).....		622.88
Beauty of Alfalfa Farms 31070, A. R. 2193, E.....		337.18
Beauty of Alfalfa Farms 31070, A. R. 2193, B. (re-entry).....		407.80
Strawberry of Alfalfa Farms 31054, A. R. 2551, A.....		493.38
Ideal of Alfalfa Farms 40750, A. R. 2981, G.....		452.89
Luella of Alfalfa Farms 42966, A. R. 3449, G.....		262.23
Lady Gemsey III 31026		
dam of		
Laura of Alfalfa Farms 31030, A. R. 1745, A.....		440.75
dam of		
Poll of Alfalfa Farms 31375, A. R. 1694, B.....		544.36
Laurel Girl 37240, A. R. 2853, G.....		329.90
Glenwood's Queen of Alfalfa Farms 33183, A. R. 3726, C.....		510.12
Lady Gemsey IV 31027		
dam of		
Joseph's Pride of Alfalfa Farms 31049, A. R. 2391, A.....		476.30
Lillie of Alfalfa Farms 31055, A. R. 2484, A.....		477.38

Bonton of Alfalfa Farms 31033, A. R. 3464, A.....	455.79
dam of	
Edith of Alfalfa Farms 33184, A. R. 1788, G.....	390.77
Edith of Alfalfa Farms 33184, A. R. 1788, B. (re-entry).....	534.52
Pet of Alfalfa Farms 31045, A. R. 1815, A.....	477.21

Lady Jane Bay 7982.

Earl of Mansell 3379.....	{	Le Marchant 1559.....	{	Imp. Duke of Normandy 712. 3d prize, R. G. A. S., 1882.
			{	Imp. Lily la Haye du Piuts 1594.
	{	Imp. Bourgaise III 1605.	{	Billy, R. G. A. S. 98. Bourgaise II 113, P. S.
			{	Sir Rowley 23, P. S.
Prairie Flower 7906.....	{	Imp. Lad of Unadilla 717	{	Imp. Mayflower Ford 1587
			{	Champion II 130, P. S., 2d prize, R. G. A. S., 1881.
	{	Imp. Prairie Lass II 1601	{	Prairie Lass 607, P. S.
			{	

Born March 6, 1894. Bred by S. L. Hoxie, Leonardsville, N. Y.

She had three registered sons and nine registered daughters, and of this number the following had records:

Betty Bay 12129, A. R. 474, A.....	420.76
Dorothy Bay 12828, A. D. 475, A.....	361.24
Dorothy Bay 12828, A. R. 475, A. (re-entry).....	483.13
Lady Bay of Verona 9767, A. R. 214, A.....	508.48
dam of	
Nora of Ledyard 20599, A. R. 2116, A.....	503.27
Ledyard Bay 11074, A. R.	
sire of	
Guinette's Pride III 24958, A. R. 1468, G.....	537.16
Azucena's Pride II 24957, A. R. 1469, F.....	706.46
Azucena's Pride II 24957, A. R. 1469, C. (re-entry).....	855.70
Enola Bay 25060, A. R. 1470, G.....	364.44
Enola Bay 25060, A. R. 1470, E. (re-entry).....	449.49
Winona Bay 27797, A. R. 1632, G.....	588.02
Princess Bay 27804, A. R. 1686, G.....	387.15
Lizetta's Ruth 27803, A. R. 1687, G.....	451.77
Azucena's Bay 27799, A. R. 1730, G.....	405.65
Sibylla's Queen 31174, A. R. 2094, G.....	492.20
Sibylla's Queen 31174, A. R. 2094, D. (re-entry).....	600.76
Lady Rilma 36802, A. R. 2903, G.....	421.56
Enola of Auburn II 36562, A. R. 3632, F.....	498.40
Lady Jane Bay II 23246, A. R. 1221, E.....	426.42
Lady Jane Bay III 30502, A. R. 2112, F.....	429.62
Onondaga's Bay 10868, A. R. 323, A.....	439.90
dam of	
Onondaga of Ledyard 15230, A. R. 775, A.....	365.94
Onondaga's Ledyard 9655, A. R.	
sire of	
Guinette's Pride II 22615, A. R. 1020, G.....	295.77
Tritoma's Queen 22617, A. R. 1021, G.....	415.43
Tritoma's Queen 22617, A. R. 1021, D. (re-entry).....	472.16
Ionita's Bay 22618, A. R. 1114, G.....	389.32
Sibylla's Lass 22619, A. R. 1166, F.....	353.63
Onondaga's Dorothy June 21476, A. R.—B.....	379.88

Lily Berkshire 8110, A. R. 378.

Berkshire Select 3442.... Sire of Lily Berkshire, 631.6 lbs. fat.	{	Jolie Select 1713.....	{	Imp. Vulcan Select 1213.
		Berkshire Maid 2130.....		Imp. Jolie VI 2268.
Lily of the West 3759....	{	Oliver 1335	{	Radley 209.
				Imp. Jenny Lind 1764.
		Imp. Ophir 2520.....	{	Barkis 884.
				Imp. Coraline 1790.
			{	Squire of Les Vauxbelets 35, P. S. R. G. A. S., 2d prize, 1880.
			{	Imp. Daisy Maude III 1155.

Born February 24, 1895. Three sons and five daughters registered.

Bred by W. W. Parker, Albert Lea, Minn.

Record: A, 631.65 pounds.

Dam of

Lily Berkshire II 12970, A. R. 555, A.....	571.87
dam of	
Berkshire of Helendale 24441, A. R. 1367, G.....	453.33
Berkshire of Helendale 24441, A. R. 1367, A. (re-entry).....	480.21
dam of	
Artesia 32949, A. R. 3472, D.....	499.18



Lily O. K. 12941, A. R. 383, A.

Laughing Water 37105, A. R. 3586, F.....	418.61
Old Faithful 14947, A. R.	
sire of	
Old Faithful's Lassie 35933, A. R. 2626, G.....	393.94
Ruth of Owasco Lake 36800, A. R. 2902, G.....	458.64
Helen of Owasco Lake 36801, A. R. 2904, G.....	407.78
Winona Bay II 35932, A. R. 3502, E.....	653.67
Uncle Sam 11406, A. R.	
sire of	
Mary Cedar 34268, A. R. 3042, F.....	327.03
Lime Girl 33441, A. R. 3443, D.....	554.87
Lilynore 15370, A. R. 330, G.....	490.38
Lilynore 15370, A. R. 330, D. (re-entry).....	494.71
Lily of Helendale 16915, A. R. 537, F.....	600.49
Lily O. K. 12941, A. R. 383, A.....	523.63

Lura 7227.

Dean of Richmond 2276... sire of Frau, 373.99 lbs. fat.	{	Nutwood 1408	{	Buckakin 834.
		Sire of Grafen Von N, 371.17 lbs. fat; Woglinde, 350.35 lbs. fat.		Materna 1334. 10,778 lbs. milk.
	{	Bonnieline 2083	{	Sir Champion XIII 320.
		7,617 lbs. 15 oz. milk.		Imp. Bonnie 697. 6,429 lbs. 13 oz. milk.
Belle's Baby 5108.....	{	Typo 1555	{	Ammackassin 1283.
				Imp. Type II 1156. 6,073 lbs. milk. 1st prize, R. G. A. S., 1880.
	{	Belle of Richmond 4157.. Dam of Frau, 373.99 lbs. fat.	{	Typo 1555.
				Cliolette 2985.

The cow, Lura 7227, was bred by Ben Clark, Whitewater, Wis. While but few breeders have known much about her and her descendants, she is well worthy of mention as the founder of a family. The herd of Ben Clark & Son has long been one of the best herds in Wisconsin, and for several years past every animal in the herd has descended from Lura in the female line. She has 5 daughters and 1 son registered, and the following is a tabulation of her Advanced Register descendants:

Coralura 15811, A. R. 176, F.....	427.24
dam of	
Coralura II 19228, A. R. 446, G.....	294.35
Richmond Robilura 18466, A. R. 391, G.....	380.33
Lillian Bishop 15655, A. R. 334, A.....	402.10
dam of	
Lillian Bishop II 24966, A. R. 1596, C.....	649.01
Lily Maid of Richmond 15721, A. R. 226, G.....	372.69
dam of	
Lily Ella's Maid of Richmond 27453, A. R. 2708, C.....	515.38
Chula Fernwood 35310, A. R. 3251, F.....	423.59
Robillias 19227, A. R. 1595, A.....	368.72
Lula Bishop 13368, A. R. 210, A.....	518.81
dam of	
Coralou 15807, A. R. 198, C.....	412.25
dam of	
Coralou's Glenwood Girl 29248, A. R. 1243, F.....	368.97

Coralou's Lily 19229, A. R. 445, G.....	320.69
Coralou's Lily 19229, A. R. 445, A. (re-entry).....	450.05
dam of	
Lura Godiva 25243, A. R. 1241, C.....	369.95
Lura Coralily 29245, A. R. 3551, A.....	508.83
Captain Robbie II 8466, A. R.	
sire of	
Altina's Model 39263, A. R. 2866, E.....	317.81
Robbie's Queen 24551, A. R. 3392, A.....	493.39
Staraletta 41824, A. R. 3394, D.....	463.96
Louan of Richmond 15810, A. R. 335, C.....	420.44
dam of	
Louan of Richmond II 29246, A. R. 1177, F.....	377.54
Lura Maud 20372, A. R. 1545, A.....	470.09
Richmond Louanelle 19173, A. R. 444, G.....	297.50
Lura Roberts 25241, A. R. 1178, C.....	359.71
Lucy Bishop 15692	
dam of	
Lou of Richmond 15727, A. R. 221, G.....	347.64
Lura Lucille 29249, A. R. 1244, F.....	354.96
Lura's Last 15728, A. R. 1548, A.....	437.78
Laura Bishop 13367	
dam of	
Laurel of Richmond 15724, A. R. 275, G.....	371.68
Mina Kathryn 17985, A. R. 336, G.....	305.54
Olive of Richmond 15815, A. R. 218, F.....	282.83
Olive of Richmond 15815, A. R. 218, A. (re-entry).....	427.69
dam of	
Daisy of Birchwood 22176, A. R. 1033, G.....	260.86
Masher's Golden of Birchwood 32340, A. R. 2030, G.....	306.30
Gold Ollie 16953 A. R. 4286, A.....	551.36
dam of	
Gold Ollie III 39085, A. R. 4137, B.....	492.52
Gold Ollie II 20449, A. R. 4135, A.....	580.98
Gold Ollie IV 26630, A. R. 4138, D.....	619.68

Materna 1334 and Her Descendants.

(See picture, page 190, Chapter VII.)

Duchess of Geneva 847 was imported by S. C. Kent, West Grove, Pa., August 28, 1881, being then a two-year-old heifer carrying her first calf. This calf, a heifer, was dropped September 11, 1881, and was named Nerissa of Geneva 848, and she came with her mother that same winter to the farm of N. K. Fairbank, Lake Geneva, Wis.

Duchess proved to be an unusually good cow, milking her best in January, 1885, when she reached 36 pounds 3 ounces milk in one day, and 1,078 pounds and 13 ounces for the month, and from January 1st to October 26th she milked 7,143¼ pounds milk. I find in the Fairbank record books, so carefully kept for years by Supt. Lawrence, two churn tests of Duchess. One was of seven milkings in March, 1885, when she gave 108 pounds 14 ounces of milk from which was churned 4 pounds 9 ounces of butter; and one in November, 1883, when in seven days she gave 182 pounds 3 ounces milk, which made 10 pounds 12 ounces of butter, she having calved in September. She lived until February 17, 1887, and had six calves, but we hear little of three of them. Her son, Duchine, was used some in the Fairbank herd and sired at least one good cow, Duchinette, who was the maternal grandmother of Standard, A. R. 30.

Duchess was sired on the Island by Billy 1st 109, F. S., and her daughter, Nerissa by Billy 2d 110, F. S., and they were bred by F. Heaume, Les Houards, Forest, and Mr. Heaume still maintains a high class herd.

Nerissa proved to be even better than her dam, and Mr. Law-

rence says he considered her fully as good if not better than her sister, Materna.

She was an unusually good cow, and as a sample of her work, will quote the following three successive years' work:

1886-1887	342 days	8,167 lbs. 10 oz. milk
1887-1888	313 days	7,881 lbs. 1 oz. milk
1888	283 days	7,246 lbs. 3 oz. milk

She milked well every year, and in the year October, 1892, to September, 1893, 356 days, she gave 8,462 pounds 12 ounces milk, and as Babcock tests were then being made in the herd for the first year, she is credited with 381.66 pounds fat, average test 4.51 per cent fat.

Best day's milk, April 10 and 11, 1888, 42 pounds 3 ounces each.

April 19, 1888, milk 38 pounds 12 ounces churned made 2 pounds 5 ounces butter.

Three days, May 14-16, 1887, 111 pounds 5 ounces milk churned made 5 pounds 8 ounces butter.

She died of milk fever in November, 1893. Her first calf, Nerissola, gave 7,617 pounds of milk in a year, and was dam of Moyra, A. R. 632, 531.25 pounds fat, and she in turn dam of

	Pounds fat
Bealy Farm Lady Yekaa 22752, A. R. 1065, G.....	262.17
Mary Sampson 16769, A. R. 673, A.....	611.68
Mistress Joe 14325, A. R. 535, B.....	493.74
Royana 16770, A. R. 1116, A.....	410.57
Royana 16770, A. R. 1116, A. (re-test).....	473.71

Materna was born September 3, 1882, and was sired by Amber 145, as he was usually called, but note in back of Volume I of the American Guernsey Cattle Club Herd Book says his rightful name was Amber Chief.

This bull had at least 19 registered daughters, but little is known of them except Laura 3d of Chateau that left many good descendants in the herd of F. W. Tratt, Georgie 1181, who did the same for I. J. Clapp's herd, and Bonnibell owned by W. D. Hoard and which he valued very highly, and he often speaks of her.

Amber 145 also sired Kalmia, the sire of Glenwood Girl 2d.

She made a very good record at Chicago in 1893, milking up to 42 pounds per day, and calving April 5th, was still milking 40 pounds up to August 13th. She gave in 15 days of cheese test 598.2 pounds milk. In 90 days butter test ending August 30th, she gave 3,511.8 pounds milk and 153.39 pounds fat. In 30 days test ending September 30th, she gave 1,058.4 pounds milk and 45.16 pounds fat. After reaching home in October, 1893, she milked up to 25.9 pounds per day.

Materna was also first prize Guernsey cow in World's Fair Show ring in 1893.

She dropped her first calf October 27, 1884, being then 25 months old, and proved her greatness at once by milking over 30 pounds most of December and January that winter, the best day being 30 pounds 12 ounces on January 8th. She was tested for seven milkings February 25th to 28th, and gave 83 pounds 11 ounces of milk and made 4 pounds 1 ounce of butter.

Her records for her life time will, I think, be of interest:

1884-1885	385 days	8,895 pounds 10 ounces milk.
1886	262 days	6,935 pounds 8 ounces milk.
1887-1888	594 days	14,309 pounds 11 ounces milk.

1888-1889	298 days	8,802 pounds	4 ounces milk.
1889-1890	298 days	7,839 pounds	11 ounces milk.
1890-1891	304 days	7,331 pounds	7 ounces milk.
1891-1892	489 days	10,298 pounds	15 ounces milk.
1893	At World's Fair, Chicago.		
1894-1895	290 days	4,931.5 pounds	milk.
1896-1897	563 days	8,494 pounds milk,	418.75 pounds fat.
1897	111 days	2,064.6 pounds milk;	had garget and was dried off.
1898	Can find no milk record.		

I find in the books that Mr. Lawrence tested her several times for butter, and in seven days, March 15th to 21st inclusive, 1887, she gave 285 pounds 15 ounces milk and made 16 pounds 8 ounces butter, and March 5th to 11th, 1886, she made 16 pounds $\frac{1}{2}$ ounce butter from 264 pounds 6 ounces of milk. Best 365 days milk, 1887-'88, 10,778 pounds.

Best day's milk I find for her was January 30, 1887, 43 pounds 10 ounces.

A list of her calves follows:

Age	Name and Number of Calf	Date of Birth
2	Maternalette 2127	October 26, 1884
3 $\frac{1}{2}$	Nutwood 1408	February 25, 1886
4 $\frac{1}{2}$	Wagner 1556	January 7, 1887
6	Gov. Hoard 2061	October 22, 1888
7	Siegmund 2363	October 2, 1889
8	Heifer—died	September 27, 1890
9	Morn 5947, A. R. 343	September 18, 1891
10 $\frac{1}{2}$	Materna's Fair 6853	April 5, 1893
11 $\frac{1}{2}$	Deputy's Materna 7620	May 7, 1894
12 $\frac{1}{2}$	Deformed bull—died	May 15, 1895
14 $\frac{1}{2}$	Materna's Freak 9789	March 4, 1897
15 $\frac{1}{2}$	Wolfram 5640, A. R. 32	April 5, 1898

She also aborted December 22, 1887, and was then milked continuously 594 days as above records show. Her descendants are as follows:

Morn 5947, A. R. 343, A.....	363.61
dam of	
Standard's Morning Glory 12801, A. R. 358, B.....	714.01
dam of	
Gloria of Geneva 15759, A. R. 414, F.....	305.52
Gloria of Geneva 15759, A. R. 414, D. (re-entry).....	365.77
Matinee 16916, A. R. 520, F.....	524.98
dam of	
Matin Belle 20696, A. R. 1186, E.....	520.05
Matin Belle 20696, A. R. 1186, A. (re-entry).....	556.01
Matinee Girl 23114, A. R. 1442, E.....	562.04
Matinee Girl 23114, A. R. 1442, A. (re-entry).....	580.18
Old Glory 11188, A. R.	
sire of	
Yeksarose III 25957, A. R. 1439, G.....	434.37
Old Man's Glory 25959, A. R. 1440, G.....	435.11
Yeksarose IV 36674, A. R. 2874, G.....	369.77
Yeksarose IV 36674, A. R. 2874, D. (re-entry).....	602.73
Artesia 32949, A. R. 3472, D.....	499.18
Miss Sunset 37107, A. R. 3564, F.....	501.90
Old Faithful 14947, A. R.	
sire of	
Old Faithful's Lassie 35933, A. R. 2626, G.....	393.94
Ruth of Owasco Lake 36800, A. R. 2902, G.....	458.64
Helen of Owasco Lake 36801, A. R. 2904, G.....	407.78
Winona Bay II 35932, A. R. 3502, E.....	653.67
Northwest 14011, A. R.	
sire of	
Penthesilla of Helendale 34544, A. R. 2459, G.....	455.08
Nirvana 41921, A. R. 3863, G.....	365.97
Yosemite of Wisconsin 43339, A. R. 4094, G.....	362.99

THE GUERNSEY BREED

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Florestine's Triumph 43846, A. R. 4350, G.....	551.04
Starlight of Geneva 9183, A. R. 536, A. (See picture, page 287, Chapter XIV)	570.32
dam of	
Freia 11019, A. R. 650, A.....	468.25
dam of	
Bealy Farm Freia 25261, A. R. 1555, G.....	469.06
Freia of Watervliet 23174, A. R. 1064, E.....	336.42
Benton Harbor 9746, A. R.	
sire of	
Sallie of Pine Meadow 31719, A. R. 2179, F.....	524.71
Bonnie Jessie of Ingleside 27893, A. R. 2291, F.....	290.29
Neanie Benton of Ingleside 27897, A. R. 3003, D.....	360.93
Benton Harbor's Violet 38377, A. R. 3597, G.....	301.95
Benton's May Queen 35915, A. R.—C.....	507.70
Grayetta Benton of Ingleside 26832, A. R.—A.....	479.23
Twilight Lonan 12484, A. R. 49, F. (see page 218, Chapter VIII)...	340.09
Twilight Lonan 12484, A. R. 49, A. (re-entry).....	442.15
dam of	
Gloaming 21127, A. R. 950, G.....	273.82
Moonlight of Rosendale 22951, A. R. 1144, G.....	263.03
Twilight of Rosendale 14899, A. R. 373, F.....	332.60
dam of	
Dawn of Rosendale 20119, A. R. 830, G.....	323.89
Twinkling Star 18337, A. R. 605, G.....	292.13
Twilight's Valentine 19310, A. R. 752, F.....	318.88
Starlight's Excelsior 7992, A. R.	
sire of	
Almira 18384, A. R. 727, G.....	426.29
Fruitful 18518, A. R. 967, C.....	409.08
dam of	
Butterfield 32599, A. R. 2012, G.....	362.22
Rubaiyat 34167, A. R. 2800, G.....	431.11
Tyra 20416, A. R. 968, G.....	355.51
Bennison 18449, A. R. 969, D.....	414.62
Creator 20247, A. R. 971, F.....	401.56
Motherwell 21611, A. R. 980, G.....	457.49
Custer's Belle II 21568, A. R. 998, G.....	432.47
Joy 18519, A. R. 999, C.....	411.99
Farina 18383, A. R. 1018, C.....	433.93
Annella 22082, A. R. 1054, G.....	314.52
Golden Girl 22425, A. R. 1092, G.....	332.40
Starlight's Fern 21567, A. R. 1199, E.....	339.42
Starlight's Fern 21567, A. R. 1199, A. (re-entry).....	596.07
Starlight's Fern 21567, A. R. 1199, A. (re-entry).....	583.34
dam of	
Fern's Daughter 33438, A. R. 2573, E.....	396.40
Fenella 42020, A. R. 3629, G.....	502.72
Fair Ellen 21963, A. R. 1369, E.....	414.50
Blossom of Koshkonong Place 24507, A. R. 1582, A.....	714.05
Tranquil 25730, A. R. 1646, G.....	282.74
Zena of Koshkonong Place 19719, A. R. 1755, A.....	416.36
Endeavor 24718, A. R. 1933, E.....	415.91
Hopeworthy 26603, A. R. 2040, F.....	342.69
Starlight Kotelde 30885, A. R. 2162, E.....	482.43
Agnes of Oake Grove 24249, A. R. 2214, C.....	442.34
Starlight's Contrast 33439, A. R. 2521, G.....	461.61
Starlight's Contrast 33439, A. R. 2521, D. (re-entry).....	682.49
Starlight's Coley 33440, A. R. 2643, F.....	583.85
Starlight's Coley 33440, A. R. 2643, C. (re-entry).....	639.94
Kotelde Starlight 30886, A. R. 3798, D.....	368.40
Omar 9924, A. R.	
sire of	
Gertrude of Birchwood 27360, A. R. 1732, G.....	330.30
Gertrude of Birchwood 27360, A. R. 1732, A. (re-entry)...	385.18
Gretta of Birchwood 27525, A. R. 1733, G.....	321.18
Gretta of Birchwood 27525, A. R. 1733, B. (re-entry).....	381.46
Glenn of Birchwood 14749, A. R.	
sire of	
Tricksey Girl 48860, A. R. 3909, F.....	331.72
Hildred II 48859, A. R. 4096, F.....	405.28

Pride of Koshkonong Place 10250, A. R.	
sire of	
Quiz of Koshkonong Place 24510, A. R. 1792, E.....	363.78
Bossie of Koshkonong Place 24511, A. R. 3943, A.....	412.73
Besom 13016, A. R.	
sire of	
Martha of Lakeview 48829, A. R. 4019, D.....	403.53
Verona of Lakeview 49260, A. R. 4342, D.....	470.38
Lalla's Lily of Lakeview 56772, A. R.—E.....	399.61
Ukiah 14344, A. R.	
sire of	
Bossie of Koshkonong Place II 38716, A. R. 3349, G.....	341.01
Iris of Prospect 44115, A. R. 4333, G.....	288.45
Guiding Star 12423, A. R.	
sire of	
Golden Bowl Snowdown 33341, A. R. 2161, G.....	368.28
Golden Bowl Snowdown 33341, A. R. 2161, C. (re-entry).....	470.14
Hulda Yeksa Snowdown 33345, A. R. 2194, G.....	283.33
Yeksamarg 27971, A. R. 2300, F.....	300.97
Lydia Snowdown 36170, A. R. 3031, G.....	324.95
Faye Snowdown 36173, A. R. 3032, G.....	311.56
Yeksa Opal Snowdown 33344, A. R. 3033, E.....	364.93
Helen Snowdown 36853, A. R. 3658, E.....	347.39
Yeksaedna 40589, A. R. 3709, G.....	295.78
Yeksaproud 36115, A. R. 3710, E.....	382.42
Yeksa Sunburst II 40590, A. R. 4074, F.....	354.08
Yeksarose VI 44757, A. R.—G.....	525.50
Old Morn's Glory 25959, A. R. 1440, G.....	435.11
Early Morn 22081, A. R. 1736, C.....	530.87
Lord Roberts of Wheaton 7242, A. R.	
sire of	
Bealy Farm Juno 16771, A. R. 553, F.....	500.04
Tidy of Rosendale 17040, A. R. 561, F.....	276.50
Helendale Lady 23106, A. R. 1115, G.....	402.44
Royana 16770, A. R. 1116, A.....	410.57
Royana 16770, A. R. 1116, A. (re-entry).....	473.71
Finance 18076, A. R. 1136, A.....	441.22
Tristan 4183, A. R.	
sire of	
Electricia 9786, A. R. 359, A.....	613.39
Lady Lavene 12896, A. R. 739, A.....	524.58
dam of	
Fruitful 18518, A. R. 967, C.....	409.08
dam of	
Butterfield 32599, A. R. 2012, G.....	362.22
Rubaiyat 34167, A. R. 2800, G.....	431.11
Lady Lavene II 16083, A. R. 737, B.....	427.61
Tristan's Royalette 16884, A. R. 863, A.....	499.51
Tristan's Cinderella 10424, A. R. 1096, A.....	454.95
Tristan's Dora 13310, A. R. 1239, A.....	435.39
dam of	
Dora's Ada 22416, A. R. 1436, D.....	367.58
Dora's Ada 22416, A. R. 1436, A. (re-entry).....	704.25
Royaline's Dora 17375, A. R. 1380, A.....	535.27
Royaline's Dora 17375, A. R. 1380, A. (re-entry).....	717.31
Royal Trislette 16882, A. R. 1437, A.....	385.04
dam of	
Trislette of Sunny Valley 34120, A. R. 2531, G.....	371.83
Trislette's Derilius 9580, A. R.	
sire of	
Trislette's Luetta 26074, A. R. 1097, D.....	468.77
Miss Luetta 27337, A. R. 1101, B.....	539.61
Roy Spot 29040, A. R. 1130, E.....	322.83
Trislette's Spot 18867, A. R. 1417, A.....	363.29
Trislette's Spot 18867, A. R. 1417, A. (re-entry).....	425.06
dam of	
Park's Golden Spot 26810, A. R. 2165, E.....	298.20
Park's Elizabeth 42283, A. R. 3762, G.....	320.80
Wolfram 5640, A. R.	
sire of	
Ramona of Los Angeles 16035, A. R. 355, G.....	342.37
Gloria of Geneva 15739, A. R. 414, F.....	305.52

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Gloria of Geneva 15759, A. R. 414, D. (re-entry).....	365.77
Matinee 16916, A. R. 520, F.....	524.98
dam of	
Matin Belle 20696, A. R. 1186, E.....	520.05
Matin Belle 20696, A. R. 1186, A. (re-entry).....	556.01
Matinee Girl 23114, A. R. 1442, E.....	562.04
Matinee Girl 23114, A. R. 1442, A. (re-entry).....	580.18
Helen Keller 17265, A. R. 738, D.....	334.29
Companion 17634, A. R. 939, C.....	401.00



Robiana's Standard 7254, A. R.

Companion 17634, A. R. 939, C.....	401.00
Companion 17634, A. R. 939, A. (re-entry).....	425.25
Quinnebasset 14557, A. R. 1653, A.....	380.53
dam of	
Quinne of Koshkonong Place 19125, A. R. 1419, B.....	383.58
dam of	
Quiz of Koshkonong Place 24510, A. R. 1792, E.....	363.78
Quality of Koshkonong Place 31787, A. R. 3644, C.....	382.12
Quintessence of Koshkonong Place 36096, A. R. 3980, D.....	382.26
Kosherina 23104, A. R. 2849, A.....	490.87
Damosel of Glyndwr 27731, A. R. 2871, C.....	451.60
Robiana's Standard 7254, A. R.	
sire of	
Princess Gertrude 17228, A. R. 506, G.....	333.71
Fes Lip's Luna 17233, A. R. 571, F.....	306.41
Vanity S. 16473, A. R. 590, E.....	334.94
Sabura 17232, A. R. 591, F.....	389.97
Sabura 17232, A. R. 591, A. (re-entry).....	514.27
Princess Aurima 17231, A. R. 592, F.....	323.08
Princess Sieg 17227, A. R. 594, E.....	300.57
Fesdo's Susie 17229, A. R. 805, C.....	346.22
Elvira Standard 18575, A. R. 806, F.....	343.33
Emerald Jewel 25352, A. R. 2063, E.....	381.14
Emerald Jewel 25352, A. R. 2063, B. (re-entry).....	486.04
Linnie S. 19842, A. R. 2122, A.....	388.61
Alberta of Lester Valley 37411, A. R. 2644, G.....	354.04
Fenella 42020, A. R. 3629, G.....	502.72
La Rue du Jean Du Luth 42022, A. R.—F.....	585.28
Colza of Jean Du Luth 52810, A. R.—G.....	441.20
Jean Du Luth Cordelia 42021, A. R.—E.....	497.29
Nevma 23187, A. R.—A.....	431.49

Saturn S. 8825, A. R.	
sire of	
Jane of Brook Hill 22909, A. R. 1016, G.	372.10
Henrietta of Genessee 24710, A. R. 1328, G.	374.97
Coliseum 10925, A. R.	
sire of	
Irenita 28102, A. R. 1985, G.	345.21
Alethea 26754, A. R. 2051, F.	378.97
Princess Hildegard 31559, A. R. 2376, G.	384.34
Hildesia 25305, A. R. 2740, B.	480.96
Freya 31412, A. R. 3567, C.	478.73
Desiderata 34104, A. R. 3789, D.	472.08
Sorograt 8674, A. R.	
sire of	
May Queen of Brookside 19732, A. R. 940, E.	313.21
May Queen of Brookside 19732, A. R. 940, A. (re-entry)	398.51
Novenda 20143, A. R. 2118, A.	457.22
Butternut of Geneva 8696, A. R.	
sire of	
Ticino 35695, A. R. 2862, G.	342.61
Anvaline 34469, A. R.—E.	343.66
Pardinee 33201, A. R. 4064, C.	411.20
Blanche of Geneva 15048	
dam of	
Blossom of Koshkonong Place 24507, A. R. 1582, A.	714.05
Blanche of Rock 33039, A. R. 2163, G.	425.55

If the descendants of Materna had been kept together in the Fairbank herd, wonderful results might have been accomplished. At least at three different times Mr. Fairbank allowed people to buy the pick of his herd, even as many as ten of the best young cows at one time, and most of these went where they were never heard of again. Materna was certainly a wonderful dairy cow and was so prepotent that her dairy qualities have been given to her descendants in very bountiful measure.

Masher 705, P. S.

(See picture, page 69, Chapter III.)

Rydale 475, P. S. 1st prize, 1888 and 1889. Winner of Jubilee Cup at Windsor.	{	Volage 98, P. S. 1st prize, 1885.	{	Presto 14, P. S. 1st prize, 1881 and 1882
				Collina 183, F. S. 2d prize, 1878.
Ladida 1091, F. S. Com. I. s., 1883.	{	Maidenhead 1594, F. S. 6th prize, 1884.	{	Marechal 83, F. S. 4th prize, 1876. Fanny.
				Mignon 92, F. S. 4th prize, 1876. 2d prize, 1877. Daisy.
	{	Jimmy 143, F. S. 1st prize, 1879. 1st prize, H. B. S., 1879.		
		La Rouge. Prize cow.		

Masher was born May 2, 1890. He was bred by F. N. Mahy and owned by Alfred La Patourel, La Ramee, Guernsey, who has ever since this time kept bulls in his herd descendants of this bull. He was used on the Island until he was at least six years of age.

The Masher and France families have been so closely intermingled that it has seemed wise to omit from the Masher family tables the bull, France's Masher 2d, and his descendants. These can

be readily found under the France family, by reference to page 312, Chapter XIV. Masher was the sire of

Imp. La Belle Francesca 16689, A. R. 295, A.....	388.11
dam of	
Imp. La Belle Petite 18114, A. R. 793, D.....	547.80
dam of	
Langwater Dorothy 27944, A. R. 1822, G.....	649.78
Langwater Dorothy 27944, A. R. 1822, D. (re-entry).....	781.65
Langwater May King 13001, A. R.	
sire of	
Sister May of Linda Vista 34647, A. R. 2424, G.....	423.00
Rosabel of Linda Vista 34648, A. R. 3342, F.....	547.73
Moss Rose of Linda Vista 38013, A. R. 3430, G.....	515.52
Moss Rose of Linda Vista 38013, A. R. 3430, D. (re-entry).....	479.27
Champion's La Belle 22281, A. R. 3289, A.....	537.95
dam of	
Conleur's La Belle 28404, A. R. 2347, E.....	454.79
Florham's La Belle 34536, A. R. 3290, E.....	385.90
Imp. Island Champion 6263 (Masher II 858, P. S.) See picture, page 127, Chapter IV.	
Received the following prizes: May, 1894, 3d prize; August, 1894, 1st prize;	
June, 1895, 3d prize; August, 1895, Queen's Prize; May, 1896, 1st prize; June, 1897,	
2d prize; May, 1898, 1st prize; May, 1899, 1st prize.	
His descendants were as follows:	
Minette of the Isles 10909, A. R. 89, A.....	497.62
Masher's Justinee 16002, A. R. 300, C.....	510.58
Island Lassie 15742, A. R. 429, D.....	417.12
Villa Florham 16905, A. R. 456, G.....	364.26
Country Maiden 16867, A. R. 468, G.....	359.03
dam of	
Country Maiden II 24994, A. R. 2692, A.....	639.83
Country Lad 10873, A. R.	
sire of	
Florham Rosy 28062, A. R. 2305, C.....	621.36
Beldame III 28064, A. R. 2731, B.....	386.30
Countryman 18121, A. R.	
sire of	
Isolt of Hylsted II 43319, A. R.—F.....	297.80
The Lady Bellicent of Hylsted 43115, A. R.—F.....	309.07
Mantle 18129, A. R. 1214, B.....	370.30
dam of	
Mantilla 27463, A. R. 2234, E.....	370.90
Manoa 11687, A. R.	
sire of	
Matilda May Rose 30774, A. R. 1868, G.....	339.07
Matilda May Rose 30774, A. R. 1868, D. (re-entry).....	405.16
Manoa's May Rose 25269, A. R. 2356, C.....	404.16
Manoa's May Rose 25269, A. R. 2356, A. (re-entry).....	545.11
Beldame 17287, A. R. 1453, A.....	467.37
Beldame 17287, A. R. 1453, A. (re-entry).....	581.98
dam of	
Beldame II 28060, A. R. 1887, C.....	480.37
Beldame IV 31151, A. R. 2059, G.....	451.88
Beldame IV 31151, A. R. 2059, B. (re-entry).....	577.86
Beldame III 28064, A. R. 2731, B.....	386.30
Florham Beauty 18113, A. R. 1740, A.....	585.39
Imp. France's Masher II 7248, A. R. (See pages 312 and 313, Chapter XIV.)	
France's Jewel II (R. G. A. S. 1065, P. S.), A. R.	
sire of	
Imp. Cora's Queen's Prize IV 16004, A. R. 143, F.....	410.81
dam of	
Colore 17722, A. R. 539, G.....	374.00
Imp. Cora's Governor of Chilmark 8971, A. R.	
(See picture, page 310, Chapter XIV.)	
sire of	
Lenore of Chilmark 20614, A. R. 826, G.....	452.24
Chene Lenore 21984, A. R. 989, G.....	404.84
Antoinette of the Chene 23124, A. R. 1127, G.....	388.74
Lady Governor 23130, A. R. 1128, G.....	286.20
Lady Governor 23130, A. R. 1128, B. (re-entry).....	517.79
Chilmark Lassie 23129, A. R. 1151, G.....	363.29
Chenette 23125, A. R. 1152, F.....	417.72

THE GUERNSEY BREED

Countess of Chilmark 24807, A. R. 1325, G.....	308.08
Queen of Chilmark 24809, A. R. 1326, G.....	323.56
Honoria of Chilmark 21985, A. R. 1384, E.....	340.66
Cora's Beatrice 24808, A. R. 1405, F.....	368.27
Caroline of Chilmark 24812, A. R. 1462, G.....	308.55
Governor's Nosegay 26239, A. R. 1542, D.....	354.18
Governor's Nosegay 26239, A. R. 1542, A. (re-entry).....	540.33
Governess of the Isle 24815, A. R. 1543, G.....	337.12
Antoinette of Chilmark 24816, A. R. 1544, G.....	456.20
Antoinette of Chilmark 24816, A. R. 1544, C. (re-entry)...	545.03
Governess Carteret 23128, A. R. 1604, E.....	400.94
Lady Chene 23126, A. R. 1663, D.....	383.01
Cora's Bella 26334, A. R. 1735, G.....	476.51
Beatrice of the Isles II 28011, A. R. 1935, G.....	473.67
Paradocia of Chilmark 28015, A. R. 1936, G.....	391.81
Clara's Caroline of Chilmark 28144, A. R. 1937, G.....	529.06
Countess Galore of Chilmark 30965, A. R. 2119, G.....	512.16
Dawn of Woodend 32964, A. R. 2414, G.....	509.02
Primana of Woodend 32242, A. R. 2416, F.....	374.51
Primana of Woodend 32242, A. R. 2416, B. (re-entry).....	531.16
Sunbeam of Woodend 32963, A. R. 2886, F.....	316.63
Martha of Woodend 34448, A. R. 2887, G.....	453.61
Lucretia Maid of Woodend 34449, A. R. 3111, F.....	347.35
First Dawn of Woodend 28659, A. R. 3430, G.....	473.68
Homestead Cora of Woodend 39329, A. R. 3841, G.....	402.26
Rosalie of Woodend 39337, A. R. 4053, F.....	432.66
Mayflower Marshall III 41269, A. R.—F.....	363.24
Lola's Cora of Woodend 43103, A. R. 4319, G.....	353.50
Countess Cora of Woodend 37328, A. R. 4317, E.....	551.90
Caroline of Woodend 45312, A. R. 4273, G.....	403.90
Beatrice of Woodend 39338, A. R. 4272, E.....	459.69
Count of Chilmark 11364, A. R.	
sire of	
Wern's Ora 29709, A. R. 2564, F.....	386.62
Canary of Daisydale V 26997, A. R. 2744, C.....	475.50
Justice of the Chene 11711, A. R.	
sire of	
Lady Justmore 30964, A. R. 2621, E.....	453.89
Justice's Beatrice 32635, A. R. 2699, F.....	459.45
Honoria of the Chene 32634, A. R. 2881, E.....	370.93
Justice Lenore 32632, A. R. 3024, E.....	399.48
Nosegay of the Chene 30966, A. R. 3758, C.....	371.65
Archer of Chilmark 13376, A. R.	
sire of	
Archer's Golden Lenore 32636, A. R. 2753, F.....	361.43
Archer's Queen of Chilmark 32629, A. R. 3015, E.....	389.56
Chilmark's Replica 36259, A. R. 3083, G.....	425.72
Countess Archer 32633, A. R. 3413, D.....	447.45
Archeen 36221, A. R. 3609, G.....	351.96
Imp. Bonne et Belle 14455, A. R. 155, E.....	423.85
Imp. Oncida I of the Mill 18882, A. R. 513, A.....	387.87
dam of	
Imp. Adieno 18894, A. R. 1873, A.....	500.88
Imp. Adieno 18894, A. R. 1873, A. (re-entry).....	582.16
Indian Belle 22275, A. R. 1960, A.....	490.92
dam of	
Cayuga Belle 29774, A. R. 1962, G.....	469.27
Oncida Belle 24985, A. R. 1966, E.....	572.94
Oncida Belle 24985, A. R. 1966, B. (re-entry).....	696.45
Imp. Island Butter Queen 19661, A. R. 696, A.....	442.58
Imp. Island Butter Queen 19661, A. R. 696, A. (re-entry).....	619.31
dam of	
France Queen of Chestnut Hill 25127, A. R. 2561, D.....	491.15
Coronation King IV (R. G. A. S. 1704, P. S.), A. R.	
sire of	
Imp. Rosette II of Plaisance 28245, A. R. 3466, A.....	532.18
Charmante's Coronation 27550, A. R. 3500, A.....	581.33
Imp. Florrie of the Palotterie VI 53528, A. R. 4308, A.....	501.06
St. John 2063, P. S., A. R.	
sire of	
Imp. Gracey of La Hougue 39441, A. R. 2480, F.....	318.19
Fanisinjon 35402, A. R. 2926, F.....	436.30

Imp. Gold Leaf of the Isle 36328, A. R. 3729, B.....	534.12
Imp. Flora's Sequel of Vimiera 25905, A. R.	
Rosette IV of the Bourg (R. G. A. S. 7706, P. S.)	
dam of	
Imp. Careless of Anna Dean Farm 47023, A. R. 3675, G.	471.90
Imp. Daisy of the Bourg 36336, A. R. 3869, C.....	566.24
Imp. Francette's France 7748, A. R.	
sire of	
Princesse Idalia 14990, A. R. 348, F.....	341.40
Leucadia 18609, A. R. 399, G.....	328.25
Prince Ired 7964, A. R.	
sire of	
Loriassa Lenfestey 19883, A. R. 756, F.....	404.59
Cythera 19886, A. R. 812, F.....	383.17
Imp. Bijou's Darling I 16501	
dam of	
Cora of Elm Shade 17711, A. R. 1295, A.....	479.36
Cora of Elm Shade 17711, A. R. 1295, A. (re-entry).....	535.30
Imp. Masher's Jewel 8868, A. R.	
sire of	
Bloomfield Pandora 20760, A. R. 1354, D.....	464.45
Bloomfield Pandora 20760, A. R. 1354, A. (re-entry).....	572.07
Bloomfield Pandora 20760, A. R. 1354, A. (re-entry).....	587.39
Bloomfield Pandora 20760, A. R. 1354, A. (re-entry).....	634.16
dam of	
Pandora's Valentine of Rich Neck 27622, A. R. 1742, G.	532.01
Pandora's Valentine of Rich Neck 27622, A. R. 1742	
(re-entry). E.	621.87
Pandora's Valentine of Rich Neck 27622, A. R. 1742	
(re-entry). B.	784.22
Mignonette of Rich Neck 36828, A. R. 3054, G.....	573.92
Violette of Rich Neck 41117, A. R. 3986, G.....	540.18
Bloomfield Miranda 22343, A. R. 1362, E.....	298.56
Bloomfield Ednah 20758, A. R. 1422, C.....	486.24
Bloomfield Ednah 20758, A. R. 1422, A. (re-entry).....	598.49
Masher's Belle 23373, A. R. 1476, E.....	374.64
Bloomfield Ada 20759, A. R. 2007, A.....	644.23
Bloomfield Ada 20759, A. R. 2007, A. (re-entry).....	772.48
Granny I of the Choffins (R. G. A. S. 5579, P. S.)	
dam of	
Imp. Granny VII of the Choffins 34947, A. R. 1965, F.....	437.58
Imp. Granny VIII of the Choffins 40665, A. R. 3065, G.....	320.96
Imp. General of the Choffins 12184, A. R.	
sire of	
Polly of Halcyon 35121, A. R. 2842, G.....	387.42
Alcata 31407, A. R. 3338, C.....	384.52
Aldata 31408, A. R. 3747, C.....	339.23
Village Beau 9749, A. R.	
sire of	
Nellie Tostevin of Mapleton II 26449, A. R. 1863, D.....	637.71
Nellie Tostevin of Mapleton II 26449, A. R. 1863, A. (re-entry)....	676.49
Nellie Tostevin of Mapleton III 30318, A. R. 2121, G.....	664.01
Village Bell of Haddon 32644, A. R. 2359, F.....	345.90
Louise of Middlebrook 27993, A. R. 2673, C.....	469.99
Vidi of Flora Dale 25490, A. R. 3334, A.....	519.93
Glen Gable Myra 26067, A. R. 4281, A.....	440.18
Guernsey Champion 8218, A. R.	
sire of	
Miss Butterscotch 19833, A. R. 2149, A.....	484.75
Champion's La Belle 22281, A. R. 3289, A.....	537.95
dam of	
Couleur's La Belle 28404, A. R. 2347, E.....	454.79
Florham La Belle 34536, A. R. 3290, E.....	385.90
Triple Champion 13067, A. R.	
sire of	
Triple Champion's Isadora 30000, A. R. 1997, G.....	379.32
Triple Champion's Direxia 34135, A. R. 2158, F.....	339.69
Triple Champion's Marva 30001, A. R. 2400, F.....	454.70
Triple Champion's Marva 30001, A. R. 2400, C. (re-entry).....	703.27
Novice Masher 33365, A. R. 2609, F.....	392.39
Novice Masher 33365, A. R. 2609, D. (re-entry).....	706.77
Triple Champion's Fillpail 34163, A. R. 2610, G.....	382.05

Direxia's Violet 33366, A. R. 2611, G.....	428.92
Direxia's Violet 33366, A. R. 2611, E. (re-entry).....	577.81
Marva of Elm-Leigh 34136, A. R. 2612, G.....	313.35
Marva of Elm-Leigh 34136, A. R. 2612, E. (re-entry).....	427.15
Erwinette of Elm-Leigh 39538, A. R. 3225, G.....	479.07
Triple Champion's Morna 41362, A. R. 3226, G.....	346.51
Raymond's IV's Muzette of Elm-Leigh 38037, A. R. 3301, G....	342.99
Irene of Elm-Leigh 38038, A. R. 3457, G.....	565.98
Triple Champion's Hiera 29999, A. R. 3755, D.....	450.27
Robinetta of Elm-Leigh 39545, A. R. 3989, F.....	457.01
Champion's Elsie 19854	
dam of	
Golden Elsie 23744, A. R. 1968, C.....	692.87
Masher's Elsie 24986, A. R. 1967, E.....	745.75
Masher's Elsie 24986, A. R. 1967, A. (re-entry).....	855.34
His Excellence 8679, A. R.	
sire of	
Lady Niphetos 22023, A. R. 2154, A.....	507.45
Groton's Duchess 21312, A. R. 2889, A.....	502.20
Spotswood Busy Bee 17606 (Imp.)	
dam of	
Imp. Pioneer's Busy Bee 21339, A. R. 776, A.....	483.41
Imp. Pioneer's Busy Bee 21339, A. R. 776, A. (re-entry).....	475.10
Imp. Spotswood Sequel 9686, A. R. (See picture, page 328, Chapter XIV.)	
sire of	
Lina of Penshurst 21321, A. R. 1142, E.....	421.58
Sequel's Caprice of Haddon 27380, A. R. 1171, G.....	362.73
Lucretia's Daughter of Haddon 28926, A. R. 1224, F.....	350.22
Lady Lesbia 25142, A. R. 1348, G.....	424.04
Lady Lesbia 25142, A. R. 1348, B. (re-entry).....	787.03
Coquette of Haddon 24333, A. R. 1349, G.....	432.03
Coquette of Haddon 24333, A. R. 1349, B. (re-entry).....	556.19
Shop Girl of Haddon 27381, A. R. 1397, G.....	340.88
Masher's Nubiana of Haddon 28931, A. R. 1525, G.....	281.06
Majella of Haddon 32140, A. R. 2095, G.....	425.31
Play Girl of Haddon 27379, A. R. 2535, C.....	455.67
Sequel's Pink of Maplehurst 34210, A. R. 3133, F.....	478.77
Sequel's Muriel 42808, A. R. 3219, F.....	330.55
Glenwood's Harmony of Haddon IV 28933, A. R. 3770, A.....	383.48
Wilhelmina Girl 26801, A. R. 4263, A.....	631.02
Lady Chesterbrook of Ingleside 23441, A. R. 4328, A.....	362.20
Masher's Bonny Boy of Haddon 15454, A. R.	
sire of	
Elaine of Haddon 35748, A. R. 2488, G.....	480.79
Fair Maid of Haddon 32318, A. R. 2625, F.....	380.39
Imp. Villa Rica II 10922	
dam of	
Villa Florham 16905, A. R. 456, G.....	364.26
Virelay 13300, A. R. 187, E.....	451.92
Village Beau 9749, A. R.	
sire of	
Nellie Tostevin of Mapleton II 26449, A. R. 1863, D.....	637.71
Nellie Tostevin of Mapleton II 26449, A. R. 1863, A. (re-entry).....	676.49
Nellie Tostevin of Mapleton III 30318, A. R. 2121, G.....	664.01
Village Bell of Haddon 32644, A. R. 2359, F.....	345.90
Louise of Middlebrook 27993, A. R. 2673, C.....	469.99
Vidi of Flora Dale 25490, A. R. 3334, A.....	519.93
Glen Gable Myra 26067, A. R. 4281, A.....	440.18
Villanette 15767	
dam of	
Miss Villanette 27703, A. R. 2462, E.....	442.30
Bessie Villanette 32891, A. R. 2918, F.....	387.77
Veribest 9845, A. R.	
sire of	
Roberta of Annandale 24472, A. R. 1485, F.....	524.06
Flora of Annandale 27273, A. R. 1598, G.....	399.12
Resume of Annandale 24438, A. R. 1619, E.....	546.65
Olga Rose of Dellwood 37054, A. R. 3046, G.....	459.56
Imp. Violet III of the Quarters 18881	
dam of	
Violet IV of the Quarters 18896, A. R. 534, F.....	356.28

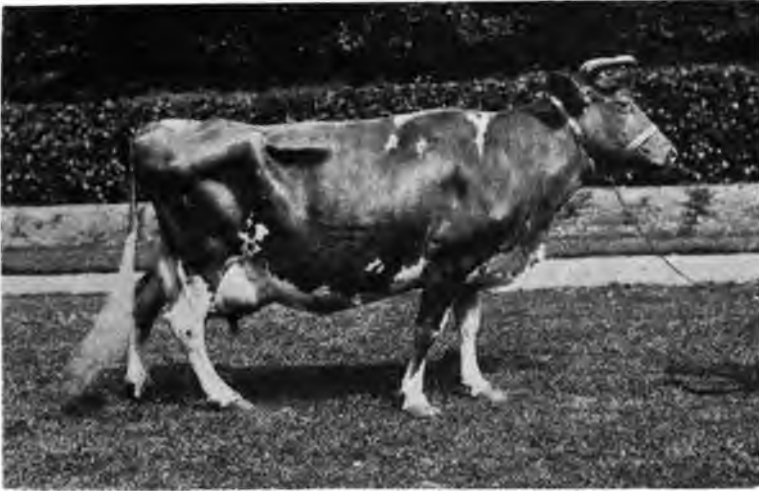
Deputy II of the Quartiers (R. G. A. S. 1818, P. S.), A. R.	
sire of	
Imp. St. Saviours III of the Quartiers 25555, A. R. 1212, F....	418.67
Imp. Dora of the Vrangue V 26662, A. R. 1669, D.....	452.22
Beauty II of the Coutanchez 28465, A. R. 2081, C.....	748.81
Beauty II of the Coutanchez 28465, A. R. 2081, A. (re-entry)...	829.36
Daisy of the Barras (R. G. A. S. 2194, F. S.)	
dam of	
Imp. Daisy II of the Barras 18916, A. R. 512, F.....	449.24
Sequel's Crescendo (R. G. A. S. 1406, P. S.), A. R.	
sire of	
Imp. Golden Jessie's Primrose 18657, A. R. 676, F.....	399.40
Imp. Golden Jessie's Primrose 18657, A. R. 676, A. (re-entry)...	442.94
dam of	
Golden Primrose of Ingleside 23440, A. R. 1140, G.....	311.29
Bonnie Jessie of Ingleside 27893, A. R. 2291, F.....	290.29
Imp. Duvaux Lass I 22560, A. R. 725, F.....	440.63
Imp. Sequel's Busy Bee 21343, A. R. 927, D.....	471.60
Imp. Rosette I of the Baissieres 28535, A. R. 1276, B.....	380.51
Dora of the Vrangue (R. G. A. S. 5572, P. S.)	
dam of	
Imp. Dora of the Vrangue V 26662, A. R. 1669, D.....	452.22
Imp. Dora IV of the Vrangue 26644, A. R. 2386, A.....	464.87
France VI (R. G. A. S.) 4620, P. S.	
dam of	
Imp. France XXV 24829, A. R. 1087, F.....	311.42
Imp. France's Jewel V 11396, A. R.	
sire of	
Frances Yocum of Wawa 29416, A. R. 1848, G.....	286.82
France's Wawa Maid 40289, A. R. 2392, G.....	266.38
France's Quince Blossom of Wawa 43949, A. R. 2764, G.....	336.83
France's Daisy of Wawa 43960, A. R. 2765, G.....	406.41
Jewel's Royal Combination of Wawa 15655, A. R.	
sire of	
Jewel's Flower of Thorn Hill 38341, A. R. 3326, G.....	316.39
Gertrude's Daughter of Thorn Hill 42517, A. R. 4035, G....	460.69
Royal's Flower of Thorn Hill 41655, A. R.—G.....	465.75
Justinee IV (R. G. A. S. 5091, P. S.)	
dam of	
Justinee's Golden Queen 17552, A. R. 436, D.....	518.86
dam of	
Chilmark Golden Lassie 19478, A. R. 1038, D.....	372.13
Chilmark Golden Lassie 19478, A. R. 1038, A. (Re-entry).....	455.19
Queen of Chilmark 24809, A. R. 1326, G.....	323.56
Spotswood Masher Sequel 9687, A. R. (Imp.)	
sire of	
Bonfire's Flower VI 24463, A. R. 1729, D.....	460.50
Hulda of Birchwood 32252, A. R. 2014, G.....	299.22
Masher's Golden of Birchwood 32340, A. R. 2030, G.....	306.30
Masher's Golden of Birchwood 32340, A. R. 2030, A. (re-entry).....	485.21
Gloria of Birchwood 32251, A. R. 2140, G.....	355.46
Helen of Birchwood 32253, A. R. 2141, G.....	306.69
Freyja B. 25625, A. R. 2821, B.....	414.91
Ida of Birchwood 35074, A. R. 3162, G.....	306.96
Hope of Birchwood 33318, A. R. 3871, C.....	334.78
Weale 13194, A. R.	
sire of	
Delza 33864, A. R. 2537, G.....	392.87
Hildesheimess II 35103, A. R. 2830, G.....	265.98
Miquette II 35425, A. R. 2957, G.....	409.57
Jimmy Bates 12586, A. R.	
sire of	
Jennie Bates 38307, A. R.—G.....	482.75
Polly Bates of Highland 38248, A. R. 3638, F.....	298.99
Cherbourg 14669, A. R.	
sire of	
Gentiana 40605, A. R. 4006, G.....	383.64
Geolita 40604, A. R. 3843, G.....	513.75
Justice of the Chene 11711, A. R.	
sire of	
Lady Justmore 30964, A. R. 2621, E.....	453.89

Justice's Beatrice 32635, A. R. 2699, F.....	459.45
Honorita of the Chene 32634, A. R. 2881, E.....	370.93
Justice Lenore 32632, A. R. 3024, E.....	399.48
Nosegay of the Chene 30966, A. R. 3758, C.....	371.65
Justinee's Sequel (Imp.) 12066, A. R.	
sire of	
Betty of Keewaydin 27420, A. R. 2222, F.....	471.94
Betty of Keewaydin 27420, A. R. 2222, C. (re-entry).....	367.21
Sequel's Alfarata 30234, A. R. 2809, D.....	373.02
Justinee's Sequel of the Prael (R. G. A. S. 2119, P. S.), A. R.	
sire of	
Imp. Beauty II of the Haut Pave 39905, A. R. 2820, F.....	388.84
Imp. Ladysmith of Sarnia 40246, A. R. 2928, G.....	499.21
Imp. Ladysmith of Sarnia 40246, A. R. 2928, D. (re-entry).....	643.77
Imp. Justinee's Dewdrop 37371, A. R. 3076, G.....	371.00
Imp. Sundari XXXIII 31711, A. R. 3242, D.....	489.32
Imp. Minette XXI 36460, A. R. 3285, E.....	451.52
Imp. Clara XIII of the Tertre 44621, A. R. 3347, G.....	533.67
Imp. Lady Justinee of the Hunguets 46414, A. R. 3371, F.....	364.86
Imp. Grandiflora II of the Hall 43637, A. R. 3395, F.....	361.70
Imp. Bouquet of Anna Dean Farm 46956, A. R. 3400, F.....	395.89
Imp. Daisy of the Hall 35212, A. R. 3473, D.....	581.18
Imp. Fanny du Foulon XXIII 44631, A. R. 3474, F.....	484.46
Imp. Darling of Ida Cottage 44578, A. R. 3566, E.....	668.63
Imp. Jessie Durand IV 43670, A. R. 3601, G.....	447.33
Imp. Parson's Primrose V 39570, A. R. 3624, G.....	548.47
Imp. Bella de Carteret 37283, A. R. 3662, E.....	500.42
Imp. Apple Bud of Anna Dean Farm 46908, A. R. 3663, C.....	483.66
Imp. Dewdrop III of the Hall 35221, A. R. 3717, D.....	519.30
Imp. Dolly II du Bas Sejour 40092, A. R. 3803, E.....	504.05
Imp. Lady Minnie 45973, A. R. 3830, G.....	456.18
Imp. Coralou of Sarnia 50475, A. R. 3964, G.....	274.39
Imp. Minerva of the Isle 50301, A. R. 3965, G.....	312.05
Imp. Primrose IV of the Jaonnets 44722, A. R.—G.....	338.28
Imp. Ada of St. Croix 54105, A. R. 4055, E.....	383.51
Imp. Camilla of Sarnia 52773, A. R. 4152, F.....	363.85
Imp. Daisy MacCulloch 35812, A. R.—B.....	362.88
Imp. Justinee's Fountain Polly 35810, A. R.—A.....	374.73
Imp. Nellie of the Courtil Blicq 51800, A. R.—E.....	437.51
May King of the Frie Baton 21184, A. R.	
sire of	
Imp. Polly of Pince Nez III 44190, A. R. 4227, F.....	339.89
Imp. Frances IV of la Ruette 50426, A. R.—F.....	594.56
Imp. Daisy of les Pince Nez II 44880, A. R.—F.....	424.92

May Rose Family.

May Rose 1392, F. S., the original cow of this family, was born May 12, 1881, and registered as lemon fawn, and was bred and owned by Pierre Martel, La Masse, Castel, Guernsey. She was third prize aged cow at Whitsuntide Show, May, 1885. All the fame of this well known family came through her daughter May Rose 2d 3251, P. S., and later exported to England and known there as Claremont May Rose 3648, E. G. H. B. She was dropped May 30, 1884, and registered as lemon fawn and white, and was sired by Pharon 43, P. S., a son of the well known Presto 14, P. S., to which a large part of the best Island cattle trace. She won first prize at the Whitsuntide Shows in 1894, 1896, 1897, and second in 1895, being beaten that time by France 3d, that she in turn beat in 1896 and 1897. She was also first prize at the Royal Yorkshire Agricultural Show at Harrogate in 1897, and third at the English Royal in 1897.

Because so many of the best known descendants of May Rose 2d were in England or on the Island and never imported to this country, and, therefore, have no A. R. records, it has seemed wise to make some exception to the rule and put in this table three or four of



May Rose 1392, F. S.

her immediate progeny that are not in the Advanced Register, in order to connect up these later animals of the family with the original cow. Her descendants on the Island, so far as I am able to trace them, are as follows:

Paradox 352, E. G. H. B. and 269, F. S. (R. G. A. S.). This bull won the following prizes, but did not shine as a sire: 1889, C, Local Show; 1890, 1st, R. C.; 1891, 1st, T. W., 1st, B. & W. E.; 1892, Silver Medal, T. W., 1st, R. C.

May Rose III 3252, P. S.

dam of

May Rose VII 3996, P. S.

dam of

De Wet II 1518, P. S.

sire of

La Grande VII du Bas Sejour 22707, A. R. 923, C..... 360.66

Masie (Imp.) 3739

sire of

Ollie of Belle Vernon 10775, A. R. 97, A..... 556.82

dam of

Ollie's King of Belle Vernon 8041, A. R.

sire of

Cottie of Belle Vernon 17349, A. R. 788, D..... 362.96

dam of

Cottina 21530, A. R. 964, F..... 327.56

Cottina 21530, A. R. 964, A. (re-entry)..... 550.47

Cottina 21530, A. R. 964, A. (re-entry)..... 703.59

Noble's Countess Cottie 33797, A. R. 2539, G..... 356.22

Corinna White II 18099, A. R. 795, B..... 413.09

Corinna White II 18089, A. R. 795, A. (re-entry)..... 569.49

Pauline of Belle Vernon 17348, A. R. 911, A..... 478.37

Pauline of Belle Vernon 17348, A. R. 911, A. (re-entry).... 524.05

Katrina Belle 19573, A. R. 1215, C..... 398.18

Katrina Belle 19573, A. R. 1215, A. (re-entry)..... 454.18

Stella of Belle Vernon III 29988, A. R. 1802, G..... 404.15

Lady Munroe 25994, A. R. 2225, E..... 375.28

Mantilla 27463, A. R. 2234, E..... 370.90

Corinna White IV 27460, A. R. 2244, E..... 335.68

THE GUERNSEY BREED

Blue Belle of Norwood II 27462, A. R. 2469, D.....	508.51
King's Maud Chene 34700, A. R. 3604, E.....	319.48
Corinna's King 10432, A. R.	
sire of	
Cora Munroe 27459, A. R. 2229, E.....	319.94
Stella of Belle Vernon II 25990, A. R. 2279, D.....	398.93
Ollie's King of Belle Vernon II 14028, A. R.	
sire of	
Elizabeth Belle 31190, A. R. 2231, G.....	402.39
Elizabeth Belle 31190, A. R. 2231, D. (re-entry).....	642.34



Ollie's King of Belle Vernon 2d 14028, A. R.

Kathleen Cottie II's Daughter 33305, A. R. 2285, G...	274.82
Corinna White V 33016, A. R. 2448, G.....	488.46
Cora's King of Bellevue 9779, A. R.	
sire of	
Beatrice of Walnut Glens 38967, A. R.—E.....	471.27
Beauty of Walnut Glens 38969, A. R.—A.....	547.14
Duchess France of Walnut Glens 39883, A. R.—E.....	602.30
Francis Spencer of Walnut Glens 35097, A. R.—C.....	560.72
Imp. May Rose of Dentonia 13853 (May Rose IX 4295, P. S.), 1st prize, R. G.	
A. S., 1890 and 1900; 1st prize, Pan-American Exposition at Buffalo, 1901.	
dam of	
Imp. Financier 8571, A. R.	
sire of	
Imp. Sweet Home 15751, A. R. 741, A.....	373.92
Beatrice of Chilmark 21983, A. R. 919, G.....	381.43
Imp. Jessie III of the Vrangue 23648, A. R. 1179, A.....	522.72
dam of	
Imp. Sequel's Jessie 25601, A. R. 1335, G.....	371.52
Imp. Jessie of Anna Dean Farm 46898, A. R. 3671, A.....	539.47
Imp. Beauty of the Duvauz 22536, A. R. 1193, A.....	527.76
Imp. Dolly III of the Baissiere 18888, A. R. 2280, A.....	421.38
Imp. France XIII 24826, A. R. 2495, A.....	610.15
Imp. Nelly III of the Baissieres 39644, A. R. 2599, A.....	565.79
Imp. Sundari XX 18535, A. R. 2755, A.....	561.45
Sitka II 25152, A. R. 4031, A.....	556.84

THE GUERNSEY BREED

375

King Edward I (1477 E. G. H. B.), A. R.	
sire of	
Imp. Princess Lily II 20555, A. R. 1988, A.....	425.93
Imp. Vanity Fair 20560, A. R. 1989, E.....	582.73
Imp. May Rose IV 3412, P. S. (7682, A. G. C. C.) Had a record of 442 lbs. butter in a year in Elleralie herd, and was dam of	
May Rose V 3413, P. S. (7681, A. G. C. C.) and had a record of 409 lbs. butter in the same herd.	
Our Paradox 873	
sire of	
Imp. Love Knot 14441, that milked up to 64 lbs. fat for Florham Farms, and had an average daily milking of 50 lbs. for one hundred days, and was the dam of	
Imp. Love Knot II 14450, A. R. 191, G.....	348.82
Imp. Love Knot II 14450, A. R. 191, A. (re-entry).....	644.30
Imp. Lover Bold 8400, A. R.	
sire of	
Tillauna 20626, A. R. 865, C.....	405.56
Clementine Mabel 19901, A. R. 2388, A.....	534.93
Rose of Gold 3668, P. S.	
1st prize, R. G. A. S., 1898 and 1902; 1st prize, London Dairy Show, 1901 and 1903; 1st prize, Milking Contest, London Dairy Show, 1901.	
dam of	
Imp. Golden Secret 12599, A. R. (See picture, page 133, Chapter IV.)	
sire of	
Imp. Itchen Spot III 23543, A. R. 882, G.....	444.40
Imp. Itchen Pearl IV 23542, A. R. 883, G.....	329.65
dam of	
Imp. Langwater Pearl 26605, A. R. 1528, G.....	527.93
Fern Ridge Pearl 30903, A. R. 3792, B.....	398.46
Imp. Langwater Lily 26606, A. R. 1409, G.....	427.17
Imp. Itchen Royal Rose II 28156, A. R. 1463, B.....	497.10
Imp. Itchen Pearl VI 28157, A. R. 1823, C.....	343.64
Nordica of Pencoyd 29717, A. R. 2455, G.....	438.21
Imp. Sensitive VI 20533, A. R. 2769, A.....	469.16
Countess of Pencoyd 36498, A. R. 3495, F.....	518.31
Golden Lady of Pencoyd III 38080, A. R. 4324, F.....	494.24
Imp. Golden Noble 10508, A. R. (See picture, page 66.)	
sire of	
Imp. Cherry I of the Briquet 22712, A. R. 915, G.....	435.94
Imp. Dolly de la Hougue Fouque 23658, A. R. 1599, C.....	399.55
Imp. Fanny's Pride III 28432, A. R. 1871, A.....	498.01
Golden Elsie 23744, A. R. 1968, C.....	692.87
Noble Count 11684, A. R.	
sire of	
Princess Corinna II 25991, A. R. 1511, G.....	394.88
Princess Corinna II 25991, A. R. 1511, D. (re-entry).....	452.26
Countess Pauline 27461, A. R. 1801, G.....	354.72
Noble's Countess Cottie 33797, A. R. 2539, G.....	356.22
Golden (R. G. A. S. 1908, P. S.), A. R.	
sire of	
Imp. Beauty of the Adams 26945, A. R. 1429, G.....	335.78
Imp. Beauty of the Adams 26945, A. R. 1429, C. (re-entry)	532.46
Imp. Daisy IV des Paysans 28261, A. R. 1585, G.....	316.42
Golden Noble II (R. G. A. S. 1836, P. S.), A. R.	
(See picture, page 67, Chapter III.)	
sire of	
Imp. Druce's Lily 25575, A. R. 1267, G.....	319.03
Imp. Rosie des Martins II 25809, A. R. 1372, G.....	332.80
Imp. Rosie des Martins II 25809, A. R. 1372, A. (re-entry)	425.61
Imp. Daisy Moon IV 26953, A. R. 1527, G.....	505.85
Imp. Daisy Moon IV 26953, A. R. 1527, A. (re-entry).....	639.97
Imp. Countess of La Pointe 28742, A. R. 1771, F.....	458.66
Imp. Model Maid of Primrose Farm 28748, A. R. 1832, F.....	525.92
Imp. Taudevine VII 31681, A. R. 1841, G.....	512.26
Imp. Taudevine VII 31681, A. R. 1841, D. (re-entry).....	652.02
Imp. Princess of the Blicqs 28485, A. R. 1908, D.....	774.16
Imp. Granny VII of the Choffins 34947, A. R. 1965, F.....	437.58
Imp. Beatrice des Belles 28260, A. R. 1982, E.....	585.48

Imp. Beatrice des Belles 28260, A. R. 1982, A. (re-entry) ..	591.82
Imp. France XVIII's Daughter 25001, A. R. 2008, D.	615.30
Imp. France XVIII's Daughter 25001, A. R. 2008, B. (re-entry) ..	701.24
Imp. France XVIII's Daughter 25001, A. R. 2008, A. (re-entry) ..	734.28
Imp. Selby 32055, A. R. 2048, E.	650.55
Imp. Jardinette IV 28487, A. R. 2078, D.	523.53
Imp. Frances II of la Ruette 32050, A. R. 2123, D.	476.19
Imp. Frances II of la Ruette 32050, A. R. 2123, A. (re-entry) ..	540.95
Imp. Golden Beauty II of le Briquet 32049, A. R. 2124, D.	377.52
Imp. Golden Beauty II of le Briquet 32049, A. R. 2124, A. (re-entry) ..	463.66
Imp. Ruby II of the Islets 34322, A. R. 2150, F.	406.99
Imp. May Queen of the Varouf 28496, A. R. 2287, C.	577.82
Imp. May Queen of the Varouf 28496, A. R. 2287, A. (re-entry) ..	835.47
Imp. Primetta of the Croute 35520, A. R. 2742, B.	460.92
Imp. Lady Dudley 31993 A. R. 2746, B.	593.04
Imp. Rosette V of the Gron 35784, A. R. 2778, C.	503.24
Imp. Noble Queen 32046, A. R. 2988, A.	611.65
Imp. Noble Queen 32046, A. R. 2988, A. (re-entry) ..	672.04
Imp. Bess of Koshkonong Place 35640, A. R. 3354, A.	478.63
Imp. Lohier's Polly II 33688, A. R. 3415, A.	620.18
Imp. Golden Daisy of the Isle 28247, A. R. 3678, A.	429.90
Imp. Darling Grace III 45956, A. R. 3874, A.	372.59
Imp. Levonia's Beauty IV 34984, A. R.—A.	475.88
Imp. La Petite du Cele 53530, A. R. 4309, A.	437.92
Imp. Flora VI of the Bordages 35791, A. R. 4315, A.	428.50
Imp. Primrose II of the Houquette 50404, A. R.—A.	506.03
Imp. Panama Lad 15383, A. R.	
sire of	
Panama's Spotted Beauty 35747, A. R. 2888, G.	341.06
Panama's Primrose of Pine Grove 35990, A. R. 2984, G.	379.09
Panama's Queen 35734, A. R. 3056, G.	350.55
Golden Panama 37377, A. R. 3057, G.	316.45
Panama's Tulip 38157, A. R. 3058, G.	383.20
Governor's Minnewaska II 38158, A. R. 3142, G.	412.72
Panama's Lily 38159, A. R. 3048, G.	422.94
Lord Mar's Beauty 40186, A. R. 3776, G.	392.08
Imp. Golden Noble V 14834, A. R.	
sire of	
Aleata 39863, A. R. 3525, G.	278.77
Algata 39864, A. R. 3746, G.	341.72
Imp. Ribert's Golden Noble 16143, A. R.	
sire of	
Miquette III 39106, A. R. 3804, G.	383.27
Nelly Rozetta 39107, A. R. 3805, G.	349.97
Bonfire's Golden Flower 42201, A. R. 4117, G.	350.51
Speculator 11691, A. R.	
sire of	
Lady Sterling 27509, A. R. 2548, D.	452.33
Speculatress 32246, A. R.	331.64
Imp. Golden Secret of Lilyvale 10028, A. R.	
(See picture, page 130, Chapter IV.)	
sire of	
Golden Lady of Pencoyd 22223, A. R. 1072, G.	388.81
Golden Primrose of Ingleside 23440, A. R. 1140, G.	311.20
Golden Preel of Pencoyd 23369, A. R. 1227, F.	472.88
Golden Preel of Pencoyd 23369, A. R. 1227, A. (re-entry) ..	622.62
Quaker Maid of Pencoyd 24233, A. R. 1466, F.	505.82
Quaker Maid of Pencoyd 24233, A. R. 1466, C. (re-entry) ..	537.94
Rose of Pencoyd 27300, A. R. 1793, G.	490.63
Rose of Pencoyd 27300, A. R. 1793, E. (re-entry) ..	595.73
Golden May Queen of Pencoyd 24174, A. R. 2454, B.	483.22
Golden May Queen of Pencoyd 24174, A. R. 2454, A. (re-entry) ..	561.75
Lilac of Pencoyd II 26444, A. R. 2726, B.	460.68
Nella Jay IV 38233, A. R. 3194, G.	726.32
Nora of Pencoyd 38923, A. R. 3494, G.	512.75
Diana of Pencoyd 38586, A. R. 3777, G.	574.81
Pencoyd Rose 42432, A. R. 4093, G.	493.60

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Golden Polly of Pencoyd 38585, A. R.—E.....	408.64
Lilyvale's Pencoyd Polly 42433, A. R. 4312, G.....	388.01
Besley Farm Spur 13006, A. R. sire of	
Juno of Thorn Hill 28673, A. R. 1959, G.....	459.93
Royal Irene 46941, A. R. 3885, D.....	348.38
Auburn Sourceful 52808, A. R. 3886, G.....	346.04
Imp. St. Amant 11600, A. R. sire of	
Imp. France XXV 24829, A. R. 1087, F.....	311.42
Imp. Natoma Abyssinia 23116, A. R. 1385, D.....	365.12



Quaker Maid of Pencoyd 24233, A. R. 1466, C.—537.94 lbs. fat in a year.

Imp. Beauty II of Maresquet 28233, A. R. 1395, E.....	463.31
Imp. Beauty II of Maresquet 28233, A. R. 1395, B. (re-entry)...	657.29
Imp. Blance Daisy II 28431, A. R. 1849, B.....	585.43
Imp. St. Amant of Lewison 12488, A. R. sire of	
St. Amant of Lewison's Francetta 31393, A. R. 2417, E....	302.06
St. Amant of Lewison's Francena 31392, A. R. 2624, E....	321.06
Yenadizze 12064, A. R. sire of	
Imp. Fleurie II of the Cloture 26647, A. R. 1589, C.....	375.56
Fern Leaf of Arcady 29018, A. R. 2073, G.....	421.23
Yenadizze II (R. G. A. S. 1990, P. S.), A. R. sire of	
Imp. Figtree II 37752, A. R. 2559, G.....	451.72
Imp. Figtree II 37752, A. R. 2559, B. (re-entry).....	532.77
Imp. Lady Venus 35008, A. R. 2776, G.....	350.93
Imp. Ramee Victory 32087, A. R. 3716, C.....	478.95
Imp. Dorothy Diamond 33611, A. R. 3736, C.....	399.84
Imp. Yenadizze's Flora 36340, A. R. 3917, C.....	688.23

Golden King of Arcady 14815, A. R.	
sire of	
May of Windermere 35678, A. R. 3531, E.....	314.66
Lucy of Windermere 35679, A. R. 3862, E.....	434.47
Polly of Windermere 43966, A. R. 4114, G.....	293.21
Golden Bob of Pencoyd 15833, A. R.	
sire of	
Pet's Golden Beauty 39364, A. R. 3269, G.....	450.03
Golden's Glenwood Dolly 39365, A. R. 3270, G.....	340.17



Imp. Princess's Jewel 1551, P. S. (24877), A. R.

Golden's Pearl 39366, A. R. 3271, G.....	403.10
Golden's Mary 39367, A. R. 3272, G.....	323.37
Itchen Wrangler (1757, E. G. H. B.), A. R.	
sire of	
Imp. Langwater Pearl 26605, A. R. 1528, G.....	526.25
Imp. Langwater Shop Girl 26508, A. R. 4287, A.....	560.49
Imp. Itchen Lily V 23540	
dam of	
Imp. Langwater Lily 26606, A. R. 1409, G.....	427.17
Langwater Hope 27946, A. R. 1978, F.....	773.59
Golden Jewel 1336, P. S.	
sire of	
Imp. Chronicle 19555, A. R. 1403, A.....	444.48
Imp. Chronicle 19555, A. R. 1403, A. (re-entry).....	611.42
Imp. Spotswood Golden Jewel 10823, A. R.	
sire of	
Spotswood's Buttercup 33569, A. R. 2963, E.....	483.90
Golden Belle of Maple Lane 32194, A. R. 2974, E.....	407.03
Jewel's Golden Pride 40901, A. R. 3506, G.....	308.14
Hero des Hunguets des Bas 1548, P. S. (R. G. A. S.), A. R.	
sire of	
Imp. Daisy Moon II 28443, A. R. 1509, D.....	393.37
Imp. Daisy Moon II 28443, A. R. 1509, A. (re-entry).....	451.16
Imp. Daisy Moon II 28443, A. R. 1509, A. (re-entry).....	537.77
Imp. Ladysmith of the Hunguets 22715, A. R. 1790, B.....	431.30
Imp. Glen of Mont Marche 23284, A. R. 2180, A.....	387.82

Princess's Jewel 1551, P. S. (24877), A. R. (Imp.)

sire of	
Imp. Lady Oswald III 25803, A. R. 1396, G.....	375.58
Imp. Garenne's Daisy III 27493, A. R. 1433, F.....	285.85
Imp. Garenne's Daisy III 27493, A. R. 1433, A. (re-entry)....	500.76
Imp. Bisette XLIX 28473, A. R. 1797, D.....	441.11
Imp. Golden Duvauz III 28464, A. R. 1919, C.....	459.17
Imp. Dora II of les Marais 37737, A. R. 1999, G.....	543.22
Imp. Dora II of les Marais 37737, A. R. 1999, C. (re-entry)...	770.38
Imp. Jewel's Guernsey Lily 28333, A. R. 2022, C.....	347.58



Langwater Rosie 21333, A. R. 1563, A.—724.23 lbs. butterfat in a year.

Imp. Primrose IV of Roque Balan 37736, A. R. 2326, F.....	417.32
Imp. Bella II du Grand Fort 36346, A. R. 2449, G.....	400.59
Imp. Garenne's Daisy VI 39314, A. R. 2596, F.....	359.50
Imp. Levonia's Beauty III 33389, A. R. 2654, B.....	446.59
Imp. Dairy Maid II of the Duvauz 28752, A. R. 2723, A.....	364.84
Imp. Braye Maid II 40071, A. R. 2757, E.....	479.43
Imp. Dupont's Dora II 28238, A. R. 2787, A.....	397.00
Imp. Garenne's Daisy V 35198, A. R. 2884, E.....	354.46
Imp. Princess III of the Marais 40146, A. R. 2932, F.....	351.46
Imp. Butter Maid of Anna Dean Farm 46917, A. R. 3203, F.....	441.88
Imp. Old Kate Pie III 36424, A. R. 3286, A.....	585.00
Imp. Princess Buvo 39572, A. R. 3503, D.....	429.33
Imp. Floss II of the Marais 31978, A. R. 3596, B.....	367.03
Imp. Lady Violet of Bickleigh 39034, A. R. 3646, C.....	479.88
Imp. Topsy Effards IX 36459, A. R. 3661, E.....	422.35
Imp. Blue Bell III du Braye 35201, A. R. 3714, C.....	431.73
Imp. Fleurie II du Tertre 43666, A. R. 3784, G.....	410.44
Imp. Daisy's Jewel of the Braye 37275, A. R.—E.....	376.54
Imp. Diamond of the Tertre 24878, A. R.	
sire of	
Imp. Daisy Belle of Fairview 40248, A. R. 3660, F.....	333.92
Imp. Belle Daisy of Fairview 40249, A. R. 3730, F.....	315.00
May Day 1132, E. G. H. B. (Jubilee de la Masse 1083, P. S., R. G. A. S.)	
sire of	
Itchen Daisy III 15630, A. R. 100, G.....	533.83



Langwater Hope 27946, A. R. 1978, F.—773.59 lbs. butterfat in a year.

Itchen Daisy III 15630, A. R. 100, B. (re-entry).....	714.10
dam of	
Florham Daisy 18115, A. R. 792, D.....	490.22
Florham Daisy 18115, A. R. 792, A. (re-entry).....	747.08
Langwater Dairymaid 26377, A. R. 1460, G.....	631.50
Langwater Dairymaid 26377, A. R. 1460, C. (re-entry).....	670.12
Imp. King of the May 9001, A. R.	
sire of	
Hayes Queen May 21052, A. R. 675, G.....	406.94
Hayes Queen May 21052, A. R. 675, A. (re-entry).....	501.40
Langwater May Rose 19143, A. R. 683, G.....	530.06
Langwater Felois 19146, A. R. 684, G.....	529.81
dam of	
Langwater Felois II 31569, A. R. 2320, G.....	552.73
Langwater Felois III 34755, A. R. 3107, F.....	566.58
Langwater Daisy 22139, A. R. 1042, G.....	557.55
Langwater May Queen 22141, A. R. 1043, G.....	592.84
Langwater Princess 22138, A. R. 1044, G.....	651.19
Langwater Milkmaid 27942, A. R. 1527, G.....	510.05
Langwater Rosie 21333, A. R. 1563, A.....	724.23
dam of	
Rose of Langwater 24204, A. R. 1445, F.....	669.89
Rose of Langwater 24204, A. R. 1445, D. (re-entry).....	751.62
Rosabel of Linda Vista 34648, A. R. 3342, F.....	547.73
Jethro's May King of Linda Vista 14591, A. R.	
sire of	
Donna May Aida of Linda Vista 36063, A. R. 3099, G.....	493.54
Pride of Linda Vista 41038, A. R. 4072, F.....	430.05
Mayflower of Linda Vista 42568, A. R. 4345, G.....	423.18
Langwater Dorothy 27944, A. R. 1822, G.....	649.78
Langwater Dorothy 27944, A. R. 1822, D. (re-entry).....	781.65
Langwater Hope 27946, A. R. 1978, F.....	773.59
Sister Sue of Langwater 21335, A. R. 2361, A.....	469.60
Fillmore's Mary May 34295, A. R. 2640, G.....	396.97

Langwater Francois 35751, A. R. 3034, G.....	506.83
Langwater Early Rose of Raritan 35994, A. R. 3120, G.....	567.10
Langwater Faithful 39949, A. R. 3409, G.....	492.67
Langwater Pride 35752, A. R. 3410, F.....	553.30
Langwater Pauline 33566, A. R. 3454, E.....	595.27
Langwater Generous 41958, A. R. 4353, F.....	588.33
Langwater Easter Lily 39269, A. R. 3452, E.....	541.23
Questa Bloom of Langwater 27856, A. R.—A.....	630.16
Jethro Bass 11366, A. R.	
sire of	
Rose of Langwater 24204, A. R. 1445, F.....	669.89
Rose of Langwater 24204, A. R. 1445, D. (re-entry).....	751.62



Rose of Langwater 24204, A. R. 1445, D.—751.62 lbs. butterfat in a year.

Langwater Dairymaid 26377, A. R. 1460, G.....	631.50
Langwater Dairymaid 26377, A. R. 1460, C. (re-entry).....	670.12
Zora of Grasslands 29970, A. R. 1993, G.....	461.07
Jethro's Belle 29973, A. R. 2069, G.....	462.15
Jethro's Susianna 33475, A. R. 2818, F.....	531.96
Charmian of Grasslands 37806, A. R. 2982, F.....	345.44
Madame Sherry 37704, A. R. 3018, F.....	532.10
La Boheme 39515, A. R. 3323, G.....	501.71
Jethro's Rotha 32248, A. R. 3866, B.....	606.79
Jethro's Youngun 46269, A. R.—G.....	370.64
Bunty 39514, A. R.—C.....	632.57
Langwater Rival 14194, A. R.	
sire of	
Rival's Red Rose of Dellwood 37053, A. R. 2850, G....	473.65
Rival's Red Rose of Dellwood 37053, A. R. 2850, E. (re-entry).....	537.85
Rival's Water Witch of Dellwood 37052, A. R. 2869, G.....	475.04
Rival's Jessie of Dellwood 38153, A. R. 3316, G.....	425.45
Rival's Merry Bell of Dellwood 38154, A. R. 3317, G....	417.88
Rival's Empress of Dellwood 42924, A. R. 3858, G.....	460.57
Rival's Buttercup of Dellwood 46825, A. R.—G.....	514.01
Rival's Gipsy of Dellwood 46824, A. R.—G.....	420.19
Cedric of Hylsted 15484, A. R.	
sire of	
Mary of Hylsted 36078, A. R. 2992, G.....	320.31
Mary of Hylsted 36078, A. R. 2992, C. (re-entry).....	409.12

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Millie of Hylsted 38735, A. R. 3562, G.....	315.45
Millie of Hylsted 38735, A. R. 3562, E. (re-entry).....	379.98
Jethro's May King of Linda Vista 14591, A. R. sire of	
Donna May Aida of Linda Vista 36063, A. R. 3099, G.	493.54
Pride of Linda Vista 41038, A. R. 4072, F.....	430.05
Mayflower of Linda Vista 42568, A. R. 4345, G.....	423.18
Dolly Dimple's May King of Langwater 12997, A. R. sire of	
Langwater Nancy 27943, A. R. 1826, G.....	630.60
Langwater Nancy 27943, A. R. 1826, A. (re-entry).....	734.97
Langwater Nancy 27943, A. R. 1826, A. (re-entry).....	862.44
May Belle of Linda Vista 29679, A. R. 2134, F.....	653.02
Langwater Felois II 31569, A. R. 2320, G.....	552.73
Aurora of Hylsted 32618, A. R. 2375, G.....	333.50
Aurora of Hylsted 32618, A. R. 2375, D. (re-entry).....	339.61
Aurora of Hylsted 32618, A. R. 2375, B. (re-entry).....	361.93
Langwater Felois III 34753, A. R. 3107, F.....	566.58
Fern Ridge Pearl 30903, A. R. 3792, B.....	398.46
Langwater Dictator 15068, A. R. sire of	
Polly of Oak Hill 37458, A. R. 2606, G.....	342.97
Lassie of Oak Hill 36401, A. R. 2607, G.....	383.66
Tina of Oak Hill 37459, A. R. 2940, G.....	344.19
Iris of Oak Hill 38539, A. R. 3446, G.....	350.35
Miss Fixit of Oak Hill 42353, A. R. 3979, G.....	405.60
Cynthia of Oak Hill 43120, A. R. 4121, G.....	448.46
Newtown Maid of Oak Hill 38953, A. R. 4295, E.....	360.16
Twilight Daisy of Oak Hill 43118, A. R.—G.....	574.47
Langwater Demonstrator 16451, A. R. sire of	
Mixter Hope 48382, A. R. 3311, G.....	371.26
Mixter Oakleaf 48419, A. R. 3935, F.....	455.41
Germania of Mixter Farm 54256, A. R. 4134, F.....	408.53
Nedelka 54262, A. R. 4235, G.....	379.90
Mixter Mildred 54267, A. R. 4236, G.....	456.00
Mixter Glamour 48409, A. R. 4376, E.....	345.66
Pride of Mixter Farm 54268, A. R. 4327, G.....	346.70
Mixter Fay 54260, A. R.—E.....	434.34
Mixter Muriel 58071, A. R.—G.....	505.63
Mixter Fawn 58048, A. R.—G.....	504.37
Ne Plus Ultra 15265, A. R. sire of	
Ultra Lady 38913, A. R. 3348, G.....	538.57
Nuala 38016, A. R. 3382, G.....	454.15
Nuala 38016, A. R. 3382, D. (re-entry).....	511.89
Florham Dame 38912, A. R. 3384, G.....	460.06
Ultra Deanie 38915, A. R. 3765, G.....	514.77
Proud Dame 38916, A. R. 3766, G.....	418.90
Proud Dame 38916, A. R. 3766, E. (re-entry).....	514.00
Rose Queen of Onunda 41124, A. R. 3914, F.....	587.66
Florham Princess 43598, A. R. 3960, G.....	562.07
Neronic 43595, A. R. 4015, G.....	491.15
Netoria 43597, A. R. 4046, G.....	449.09
Florham Gold Lassie 43596, A. R.—G.....	583.67
Florham Minuet 37946, A. R. 4251, D.....	571.14
Milk Maid's May Rose 44138, A. R. 4283, G.....	516.67
George Washington of Fairfield Farm 10866, A. R. sire of	
Mame of Maple Glen 31913, A. R. 2067, G.....	476.23
Maid of Maple Glen 27372, A. R. 2489, D.....	380.28
Rex Eldou of Midlothian 41735, A. R. 4207, G.....	394.16
Lady Oswald of Midlothian 41286, A. R.—G.....	368.13
Daffodil of Maple Glen 41044, A. R.—E.....	415.37
May King of Ingleside 12558, A. R. sire of	
May King's Rosette of Pine Meadow 33008, A. R. 2288, G.	353.48
May King's Rosette of Pine Meadow 33008, A. R. 2288 (re-entry), E.....	415.11
Alice Emerson of Ingleside 27896, A. R. 2289, F.....	354.81
Alice Emerson of Ingleside 27896, A. R. 2289, C. (re-entry)	421.21
Queen May of Ingleside II 28867, A. R. 2290, G.....	315.81

Queen May of Ingleside II 28867, A. R. 2290, B. (re-entry)	473.03
May King's Lily of Ingleside 32754, A. R. 2721, F.....	541.91
May King's Lady Chesterbrook of Ingleside 35127, A. R. 2761, G.	419.80
May King's Lady Chesterbrook of Ingleside 35127, A. R. 2761, D. (re-entry)	437.30
May King's Miriam of Ingleside 35379, A. R. 2998, G.....	277.30
May King's Miriam of Ingleside 35379, A. R. 2998, E. (re-entry)	447.76
May King's Miriam of Ingleside 35379, A. R. 2998, C. (re-entry)	432.94
May King's Nantaska of Ingleside 36574, A. R. 2999, G....	403.98
May King's Nantaska of Ingleside 36574, A. R. 2999, D. (re-entry)	467.23
May King's Neanie of Ingleside 33651, A. R. 3000, F.....	395.06
May King's Polly of Ingleside 42213, A. R. 3001, G.....	358.15
May King's Polly of Ingleside 42213, A. R. 3001, B. (re-entry)	440.14
May King's Mary of Ingleside 36573, A. R. 3002, G.....	319.71
May King's Elaine of Ingleside 35378, A. R. 3051, F.....	326.76
Lady Belle of Arborvitae 34756, A. R. 3460, E.....	420.24
Belle of Thorn Hill 32307, A. R. 3610, E.....	472.93
May King's Dolly of Ingleside 39990, A. R.—F.....	444.03
May King's Neanietta of Ingleside 40814, A. R.—F.....	451.73
May King's Jessie of Ingleside 38996, A. R.—E.....	382.97
May King's Princess of Ingleside 42434, A. R.—E.....	362.20
Langwater Royal 14253, A. R. sire of	
Royal's Fancy 33265, A. R. 2504, G.....	351.55
Lady Royal of Pomeroy 38173, A. R. 3139, G.....	315.67
May Rose Combination of Pomeroy 38026, A. R. 3433, G....	394.51
May Rose Combination of Pomeroy 38026, A. R. 3433, D. (re-entry)	457.31
Hope of Pomeroy 38174, A. R. 4118, E.....	606.08
Avalon's Princess 42300, A. R. 4320, G.....	442.42
Royal's Pearl 45209, A. R. 4384, G.....	485.88
Mary Ware 44496, A. R. 4383, G.....	305.64
Consuela of Pomeroy 46097, A. R.—G.....	277.19
Rhea's King of the May 14368, A. R. sire of	
Rhea's Park Dawn 34761, A. R. 2335, G.....	425.32
Park's Rhea Flossie 34762, A. R. 2826, G.....	302.92
Park's Queen Rhea 34759, A. R. 3273, E.....	420.46
Park's Yeksa Queen III 38813, A. R. 3274, G.....	378.50
Park's Isabella II 38814, A. R. 3499, G.....	393.73
Park's Elizabeth 42283, A. R. 3762, G.....	320.80
Anita of Tillybardin 38703, A. R. 3891, F.....	374.46
Rhea's Park May 36506, A. R. 3910, E.....	440.64
Queen of Park Farm 42866, A. R.—G.....	398.41
Questa Bloom's King Royal 16443, A. R. sire of	
Miss Rosedale 42683, A. R. 3720, G.....	332.58
Elsie Bloom 35960, A. R. 3786, E.....	366.81
May King of Langwater 13000, A. R. sire of	
Duchess May of Mandesleigh 33162, A. R. 4100, B.....	578.28
Hawthorne of Mandesleigh 36085, A. R.—C.....	450.22
King of the May's King 20489, A. R. sire of	
King of the May's Lydia 46795, A. R. 4279, G.....	346.04
King of the May's Faye 46794, A. R.—G.....	334.53
King of the May's Primrose 45864, A. R.—G.....	426.42
Langwater Hayes Rosie's King of the May 16723, A. R. sire of	
Lillian's Milkmaid of Maple Hill 43708, A. R. 4026, G....	567.30
Gypsy Queen of Maple Heights 47329, A. R.—G.....	449.59
Langwater Early Rose 19145 dam of	
Rose of Pencoyd 27300, A. R. 1793, G.....	490.63
Golden May Queen of Pencoyd 24174, A. R. 2454, B.....	483.22

Ne Plus Ultra 15265, A. R.	
sire of	
Ultra Lady 38913, A. R. 3348, G.....	538.57
Nuala 38016, A. R. 3382, G.....	454.15
Nuala 38016, A. R. 3382, D. (re-entry).....	511.89
Florham Dame 38912, A. R. 3384, G.....	460.06
Ultra Deanie 38915, A. R. 3765, G.....	514.77
Proud Dame 38916, A. R. 3766, G.....	418.90
Proud Dame 38916, A. R. 3766, E. (re-entry).....	514.06
Rose Queen of Onunda 41124, A. R. 3914, F.....	587.66
Florham Princess 43598, A. R. 3960, G.....	562.07
Neronic 43595, A. R. 4015, G.....	491.15
Netoria 43597, A. R. 4046, G.....	449.09
Florham Gold Lassie 43596, A. R.—G.....	583.67
Florham Minuet 37946, A. R. 4251, D.....	571.14
Milk Maid's May Rose 44138, A. R. 4283, G.....	516.67
Itchen Pearl (5156, E. G. H. B.)	
dam of	
Imp. Itchen Pearl II 28155, A. R. 1825, A.....	437.57
Imp. Itchen Pearl IV 23542, A. R. 883, G.....	329.65
dam of	
Imp. Langwater Pearl 26605, A. R. 1528, G.....	527.93
Fern Ridge Pearl 30903, A. R. 3792, B.....	398.46
Imp. Itchen Pearl VI 28157, A. R. 1823, C.....	343.64
May Day Pearl 15195	
dam of	
Spotswood Daisy Pearl 17696, A. R. 790, C.....	572.67
Spotswood Daisy Pearl 17696, A. R. 790, A. (re-entry).....	957.38
Spotswood Daisy Pearl 17696, A. R. 790, A. (re-entry).....	886.98
dam of	
Belle Vernon's Daisy Belle 21438, A. R. 2277, A.....	509.66
Belle Vernon's Daisy Belle 21438, A. R. 2277, A. (re-entry).....	527.12
Ollie's King of Belle Vernon II 14028, A. R.	
sire of	
Elizabeth Belle 31190, A. R. 2231, G.....	402.39
Elizabeth Belle 31190, A. R. 2231, D. (re-entry).....	642.34
Kathleen Cottie II's Daughter 33305, A. R. 2285, G.....	274.82
Corinna White V 33016, A. R. 2448, G.....	488.46
Poor Old Joe 1207, P. S.	
sire of	
Bon Espoir X 21286, A. R. 880, A.....	393.41
Imp. Merry Anton 8337, A. R.	
sire of	
Merry Esther 22500, A. R. 744, E.....	314.19
Merry Anton's Chantilly 24473, A. R. 820, D.....	426.58
Anton's Patience 24474, A. R. 934, C.....	430.15
Anton's Patience 24474, A. R. 934, A. (re-entry).....	572.82
Anton's Patience 24474, A. R. 934, A. (re-entry).....	643.16
Anton's Patience 24474, A. R. 934, A. (re-entry).....	504.46
dam of	
Anton's Frances 27291, A. R. 1497, E.....	516.98
Anton's Frances 27291, A. R. 1497, C. (re-entry).....	696.05
Anton's May Rose 27293, A. R. 1926, E.....	591.55
Anton's May Rose 27293, A. R. 1926, A. (re-entry).....	766.00
Glen Haddon's Patience 34639, A. R. 2817, F.....	503.52
Imp. Hayes Imperiale 23487	
dam of	
Imp. Hayes Imperiale II 23489, A. R. 1122, F.....	319.53
Imp. Hayes Imperiale II 23489, A. R. 1122, A. (re-entry).....	554.04
Imp. Hayes Imperiale II 23489, A. R. 1122, A. (re-entry).....	571.21
Imp. Hayes Imperiale III 32421, A. R. 3418, A.....	382.72
Lavanton 11611, A. R.	
sire of	
Pandora's Valentine of Rich Neck 27622, A. R. 1742, G.....	532.01
Pandora's Valentine of Rich Neck 27622, A. R. 1742, E. (re-entry).....	621.87
Pandora's Valentine of Rich Neck 27622, A. R. 1742, B. (re-entry).....	784.22
Pandora's Valentine of Rich Neck 27622, A. R. 1742, A. (re-entry).....	673.44
Blossom of Rich Neck 35505, A. R. 2580, G.....	503.32
Blossom of Rich Neck 35505, A. R. 2580, D. (re-entry).....	648.62



Imp. Merry Anton 8337, A. R.

Columbine of Rich Neck 36827, A. R. 2955, G.....	473.67
Columbine of Rich Neck 36827, A. R. 2955, E. (re-entry).....	483.77
Mignonette of Rich Neck 36828, A. R. 3054, G.....	573.92
Mignonette of Rich Neck 36828, A. R. 3054, D. (re-entry).....	800.97
Violette of Rich Neck 41117, A. R. 3986, G.....	540.18
Heliotrope of Rich Neck 42114, A. R. 3987, G.....	509.83
Hyacinth of Rich Neck 41116, A. R. 4049, F.....	488.95
Suserain (1252, E. G. H. B.)	
sire of	
Melanie of Goodstone II 15485, A. R. 253, G.....	387.76
Itchen May Rose (4839, E. G. H. B.) was reported to have been one of the greatest of the breed in England, but I find no report of her winning at their shows.	
Imp. May Rose King 8336, A. R.	
sire of	
Southern Rose 17289, A. R. 487, G.....	388.83
Southern Rose 17289, A. R. 487, A. (re-entry).....	583.00
Rose of York 17290, A. R. 492, G.....	384.69
dam of	
Langwater York Rose 24202, A. R. 3793, A.....	445.57
Charmante's Rose King 11746, A. R.	
sire of	
Gold Dust's Elite 29766, A. R. 1856, G.....	551.47
Gold Dust's Elite 29766, A. R. 1856, D. (re-entry).....	635.75
Gold Dust's Elite 29766, A. R. 1856, A. (re-entry).....	871.28
Fillmora 26864, A. R. 1857, F.....	521.12
Fillmora 26864, A. R. 1857, A. (re-entry).....	696.05
King's Lily of France 29763, A. R. 1955, G.....	291.17
Anne of Wellesley 37781, A. R. 2187, G.....	329.70
Anne of Wellesley 37781, A. R. 2187, C. (re-entry).....	440.73
Bonnie Deanie II 29767, A. R. 2425, F.....	553.73

King's Imogene 33452, A. R. 2497, G.....	368.62
King's Alberta 33788, A. R. 2555, G.....	358.68
King's Alberta 33788, A. R. 2555, E. (re-entry).....	600.81
Fillmore's Happy New Year 34495, A. R. 2639, G.....	446.28
Charmante's Delight of Ellenwood 50497, A. R.—F.....	515.02
Ferndale King 14772, A. R.	
sire of	
King's Deanie II 30700, A. R. 2304, G.....	356.04
Thelma of Ferndale 40760, A. R. 4032, F.....	385.34
Rose of Gold 17288, A. R. 493, G.....	435.47
Florham May Rose 17285, A. R. 494, G.....	483.41
Morven's May Rose 18357, A. R. 601, G.....	364.38
Fashion Plate 18444, A. R. 642, G.....	308.17
Fashion Plate 18444, A. R. 642, A. (re-entry).....	667.40
Florham Daisy 18115, A. R. 792, D.....	490.22
Florham Daisy 18115, A. R. 792, A. (re-entry).....	747.08
Florham Pride 20153, A. R. 932, F.....	591.85
Florham Pride 20153, A. R. 932, A. (re-entry).....	626.03
Queen of the Roses 24999, A. R. 1091, G.....	511.03
Queen of the Roses 24999, A. R. 1091, A. R. 1091, D. (re-entry).....	604.94
Queen of the Roses 24999, A. R. 1091, A. (re-entry).....	852.86
Pride's May Rose 25023, A. R. 1213, G.....	367.31
Comely Rose 17292, A. R. 1408, A.....	641.79
Rutilla's May Rose 24946, A. R. 1423, G.....	556.40
Rutilla's May Rose 24946, A. R. 1423, E. (re-entry).....	655.93
May Rose of Kent 17284, A. R. 1486, A.....	556.56
Rose Rubra 17327, A. R. 1741, A.....	788.89
Pride of Place 22284, A. R. 1791, C.....	531.26
Beldame II 28060, A. R. 1887, C.....	480.37
May Rose Queen 22277, A. R. 1911, A.....	667.19
Anton's May Rose 27293, A. R. 1926, E.....	591.55
Anton's May Rose 27293, A. R. 1926, A. (re-entry).....	766.00
Queen of May Rose 28326, A. R. 2153, D.....	539.30
Queen of May Rose 28326, A. R. 2153, A. (re-entry).....	526.83
Country Maiden II 24994, A. R. 2692, A.....	639.83
Rose King's Laverna 27294, A. R. 2717, C.....	503.23
Beda's May King 11893, A. R.	
sire of	
Alice for Short 28201, A. R. 1889, G.....	568.48
Alice for Short 28201, A. R. 1889, A. (re-entry).....	736.06
Maggie Shand 28202, A. R. 2135, F.....	545.37
Maggie Shand 28202, A. R. 2135, C. (re-entry).....	701.99
Ruth O. D. 40902, A. R. 3563, G.....	599.88
Eva's Beda O. D. 40904, A. R. 3723, G.....	517.83
Pencader's Princess 48341, A. R. 3742, G.....	357.21
Marge's Beda O. D. 40903, A. R. 3840, F.....	442.31
Sophie Louis of Glenmore 37215, A. R. 4219, E.....	300.97
Red Clover O. D. 43697, A. R.—G.....	476.32
Golden Rose O. D. 43861, A. R. 4304, F.....	538.94
May O. D. 43698, A. R. 4307, G.....	359.25
Madge O. D. 43699, A. R.—G.....	448.68
Golden Sally O. D. 44379, A. R.—G.....	506.47
Financiere III's May Rose King 13028, A. R.	
sire of	
Stella's Favorite II 29167, A. R. 2283, F.....	581.18
Stella's Favorite II 29167, A. R. 2283, C. (re-entry).....	719.23
Princess Corinna III 29987, A. R. 2473, E.....	462.20
Rose of Belle Vernon 31188, A. R. 3200, C.....	544.26
Imp. King of the May 9001, A. R. (as noted under May Day 1132, E. G. H. B.) See page 380.	
Manoa 11687, A. R.	
sire of	
Matilda May Rose 30774, A. R. 1868, G.....	339.07
Matilda May Rose 30774, A. R. 1868, D. (re-entry).....	405.16
Manoa's May Rose 25269, A. R. 2356, C.....	404.16
Manoa's May Rose 25269, A. R. 2356, A. (re-entry).....	545.11
Manoa's Butterwitch 34611, A. R.—B.....	358.16
Veribest 9845, A. R.	
sire of	
Roberta of Annandale 24472, A. R. 1485, F.....	524.06
Flora of Annandale 27273, A. R. 1598, G.....	399.12
Resume of Annandale 24438, A. R. 1619, E.....	546.65

Olga Rose of Dellwood 37054, A. R. 3046, G.....	459.56
May Rose Prince 9343, A. R. sire of	
Caroline of Pine Meadow 26232, A. R. 1641, F.....	383.39
May Rose of Meadowbrook 25770, A. R. 2937, B.....	383.12
May Rose King II 13130, A. R. sire of	
Lovely Rose 33051, A. R. 2377, G.....	448.69
Ornament of Onunda 33050, A. R. 2872, E.....	528.11
Erwinia's Rose Queen 33052, A. R. 3193, E.....	497.08
Woodland Rose 36782, A. R. 3913, E.....	582.88
Jasminum's Rose 41399, A. R. 4045, F.....	486.13
Sunburst Rose of Onunda 41506, A. R.—E.....	626.65
May Rose King III 13449, A. R. sire of	
Florham Belle 37100, A. R. 2875, G.....	416.74
Florham La Belle 34536, A. R. 3290, E.....	385.90
Florham La Belle 34536, A. R. 3290, B. (re-entry).....	519.90
May Minuet 42059, A. R. 3822, G.....	531.72
Langwater May King 13001, A. R. sire of	
Sister May of Linda Vista 34647, A. R. 2424, G.....	423.00
Rosabel of Linda Vista 34648, A. R. 3342, F.....	547.73
Moss Rose of Linda Vista 38013, A. R. 3430, G.....	515.52
Moss Rose of Linda Vista 38013, A. R. 3430, D. (re-entry).....	479.27
Ambition 11683, A. R. sire of	
La Noce of Riverside Farm 36284, A. R. 2522, G.....	451.71
Lisbeth of Riverside Farm 32254, A. R. 2749, E.....	460.86
Beatrice of Stannox 37474, A. R. 3074, G.....	444.35
Wallflower's Betty 37473, A. R. 3177, G.....	489.75
Wallflower's Betty 37473, A. R. 3177, E. (reentry).....	477.10
Merry Dance of Riverside Farm 39200, A. R. 4390, E.....	438.41
Beau Regal 13448, A. R. sire of	
Sunbeam of the Glen 32579, A. R. 3153, D.....	402.52
Wild Rose of the Glen 32582, A. R. 3154, E.....	336.24
Red Wing of the Glen 33783, A. R. 4336, C.....	607.03
King Francis 13500, A. R. sire of	
King's Grace 34640, A. R. 2698, G.....	480.14
King's Grace 34640, A. R. 2698, C. (re-entry).....	547.14
Free Silver Queen 38510, A. R. 3335, G.....	394.28
Queen Festa 38511, A. R. 3336, G.....	498.60
Queen Celia 42986, A. R. 3833, G.....	544.92
Queen Confidence 40421, A. R. 3834, G.....	457.21
Princess Milkmaid 38668, A. R. 3976, F.....	568.06
Queen Nana 38512, A. R. 3977, F.....	493.48
Queen Cora 42969, A. R. 4038, G.....	475.09

May Rose 2d certainly was one of the greatest cows that the breed has produced as an individual, a producer, and a breeder. Her son, May Rose King, had he had the best opportunity possible in the Florham herd, would have shown up even more wonderfully than he has done, and King of the May, that was both her grandson and great grandson, has, as a producer of high class cows, not been excelled.

Nellie 393, F. S. (R. A. A. S.)

Nellie 393, F. S., R. A. A. S., is registered on Alderney as born in September, 1899. She was bred by C. F. Tourgis, Alderney, and she won the King's Cup and first prize over Alderney at the annual show, 1907. She was sold at that time to James Martel, Preel, Guernsey, and registered on Guernsey as Dairymaid of the Preel 3268, F. S., R. G. A. S. Her date of birth is given there as August 1, 1900. She was given V. H. C. at the time of her registry in Guernsey on Sep-

tember 25, 1907. She was sold by Mr. Martel to Sir H. D. Tichborne, Bart., Tichborne Park, Alresford, Hants, England, and she was registered in England as Itchen Dairymaid 7688, E. G. H. B. Mr. Tichborne showed her at the R. A. S. E. at Newcastle in 1908, where she won first and third prize in the milking contest. She was injured in a train accident on the way home from these shows and never recovered. As far as I am able to find she had but two registered calves, one of these being the bull Masher 63, F. S., the best known bull they have ever had in Alderney. He was reserve for



Nellie 393, F. S.

the King's Cup at the R. A. A. S. show in 1906 and won first prize and King's Cup in 1907, and was then sold to Mr. Tichborne about the same time as his mother, and registered in England as Masher 2062, E. G. H. B. He was sired by Jumbo 59, F. S., a bull that now has 3 A. R. daughters with good Advanced Registry records in America, and whose dam, Cherry 332, F. S., was a sister of Flower of the Preel, the dam of the well known Hayes Rosie 15476, A. R., 116 A., 714.31 pounds fat, and Flower of the Preel 2d 71566, A. R., 944 A., 521.77 pounds fat. Masher was the sire of

Imp. Herivel's Daisy 33091, A. R. 1664, E.	335.97
Imp. Trigalle's Daisy Belle 33113, A. R. 1752, F.	294.94
Imp. Lady of Tamworth 33123, A. R. 2175, F.	332.87
Imp. Marie of Sarnia 35613, A. R. 1904, F.	322.73
Imp. Princess of Sarnia 35612, A. R. 1903, F.	302.68
Imp. Fanny of Sarnia 35601, A. R. 1950, E.	323.20
Imp. Lily of Sarnia 35599, A. R. 1951, E.	327.34
Imp. Undine of Sarnia 35605, A. R. 1991, E.	335.48
Imp. Undine of Sarnia 35605, A. R. 1991, C. (re-entry).	459.34
Imp. Lustre of Sarnia 35611, A. R. 2137, F.	322.55
Imp. Masher's Barbi 33114, A. R. 2176, E.	347.94
Imp. Bourgage Cherry 34368, A. R. 2152, D.	560.39
Imp. Lady Roberts of Sarnia 35614, A. R. 2223, E.	300.95
Imp. Cherry of Sarnia 35620, A. R. 2324, F.	300.55

Imp. Primrose of Sarnia 35615, A. R. 2352, E.....	312.58
Imp. Fillpail of the Val 34366, A. R. 2306, D.....	525.67
Imp. Masher's Duchess 37487, A. R. 2373, E.....	370.67
Imp. Lilly of the Mill 37482, A. R. 2685, D.....	334.66
Imp. Polly of Dairy Farm 37486, A. R. 2686, D.....	328.70
Imp. Les Chevalier's Primrose 33107, A. R. 2748, B.....	528.18
Imp. Alderney Primrose 38857, A. R. 2914, A.....	463.70
Imp. Beauty of Alderney 37492, A. R. 2941, D.....	354.84
Imp. Doreen of Sarnia 35876, A. R. 2954, B.....	365.16
Imp. Shade of Anna Dean Farm 46732, A. R. 3095, D.....	532.38



. Masher 63, F. S., the best known bull they have ever had in Alderney.

Imp. Gazelle of Anna Dean Farm 48273, A. R. 3197, A.....	600.96
Imp. Lizzie of Anna Dean Farm 46730, A. R. 3296, A.....	646.91
Imp. Mabel of Sarnia 35609, A. R. 3404, A.....	365.18
Imp. Julia of Anna Dean Farm 46728, A. R. 3510, A.....	552.27
Imp. Alderney Betty 33137, A. R. 3945, A.....	483.54
Imp. Odoire's Laura 33117, A. R. 4087, A.....	449.65
Imp. Odoire's Mabel 33108, A. R. 4088, A.....	457.51
Imp. Princess Margaret 33081, A. R. 4089, A.....	497.21
Prince Albany (R. A. A. S. 65, P. S.), A. R.	
sire of	
Imp. Minnie of Alderney 37501, A. R. 2379, G.....	319.36
Imp. Princess May of Sarnia 40215, A. R. 3160, E.....	323.26
Imp. Marguerite of Anna Dean Farm II 46731, A. R. 3199, C.....	552.17
Imp. Alderney of Anna Dean Farm 46735, A. R. 3291, D.....	556.33
Imp. Prince of Sarnia 22000, A. R.	
sire of	
Imp. Ada of Tamworth II 43614, A. R. 2931, F.....	345.60
Imp. Ada of Tamworth II 43614, A. R. 2931, B. (re-entry).....	468.82
Imp. Albany of Anna Dean Farm 46734, A. R. 3329, D.....	553.24
Imp. Lil of Anna Dean Farm 46740, A. R. 3692, D.....	448.42
Imp. Caprice of Sarnia 46534, A. R.—D.....	404.40
Imp. Belvidera of Sarnia 46531, A. R.—F.....	402.16
Imp. Princess Alice of the Isle 36405, A. R.—A.....	409.49
Imp. Barbara of St. Croix 54103, A. R.—G.....	359.56
Imp. Alderney Raymond 26357, A. R.	
sire of	
Imp. Ambrosia of Anna Dean Farm 46737, A. R. 3097, F.....	426.64
Imp. Violet of Tol Val 43621, A. R. 3151, G.....	333.69
Imp. Violet of Tol Val 43621, A. R. 3151, D. (re-entry).....	487.86
Imp. Daisy du Lubin II 41650, A. R. 3680, E.....	341.56
Imp. Daisy du Lubin II 41650, A. R. 3680, B. (re-entry).....	463.59
Imp. Cherry Girl of Sarnia 52765, A. R.—G.....	336.85

Imp. Beauty of Linwood 48049, A. R. 4293, G.....	449.23
Imp. Polly of Ore Hill 48053, A. R. 4218, G.....	275.55
Imp. Cynthia of Sarnia 52771, A. R. 4268, F.....	379.62
Imp. Aleta of Ore Hill 52260, A. R.—D.....	393.06
Imp. Rose II du Coin des Ecailles 53803, A. R.—F.....	371.76
Masher of the Mill (R. A. A. S. 70, F. S.), A. R. sire of	
Imp. Alliance of Sarnia 40222, A. R. 3764, D.....	319.35
Imp. Maggie of Alderney 43919, A. R. 3783, E.....	405.11
Imp. Duchess of the Mill 37499, A. R.—F.....	279.87
Masher of Rose Farm (R. A. A. S. 75, P. S.), A. R. sire of	
Imp. Maid of Mound City 52700, A. R. 3827, E.....	334.31
Imp. Arona of Linwood 51552, A. R. 4291, D.....	373.58
Imp. Kitty of St. Croix 54101, A. R.—F.....	336.25
Imp. Christine of Sarnia 41870, A. R.—E.....	349.36
Colonel (R. A. A. S. 95, P. S.), A. R. sire of	
Imp. Coronation of the Mill 47098, A. R. 3288, G.....	297.42
Imp. Maid of Ore Hill 48057, A. R. 4277, G.....	346.74
Marnell (R. A. A. S. 69, P. S.), A. R. sire of	
Imp. Corrina of Sarnia 52766, A. R. 3984, G.....	315.11
Imp. Constance of Sarnia 52727, A. R. 4153, F.....	401.62
Nellie was also the dam of Itchen Dairyman 2039 (E. G. H. B.) and he was the sire of	
Imp. Itchen Carduns 40317, A. R. 3050, G.....	455.32
Imp. Itchen Carduns 40317, A. R. 3050, E. (re-entry).....	534.53

Selma of Pinehurst 14521, A. R. 325, A.

Khedive of Pinehurst 6537 Sire of Selma of Pine- hurst, 762.88 lbs. fat.	Tristan 4183	Lily's Bonny Boy 2676. Sire of 8 A. R. daugh- ters and 2 A. R. sons.
	Rubina T. 6223.....	Morn 5947. Dam of 4 A. R. cows and 2 A. R. sons.
Viola Dudley 11533.....	Hobart of Haddon 4865..	Sammy of Paulsdale 1748. Sire of Belle Brandon, 428.43 lbs. fat.
		Royalette 3299.
	Brighty 7202	Coniston 3094.
		Lucretia II 9456.
		Snow Prince 2680.
		Honor Bright 2845.

Born November 26, 1900. Bred by E. R. Strawbridge, Moorestown, N. J.

Record: D	544.06
(re-entry), A.	615.97
(re-entry), A.	644.65
(re-entry), A.	762.88
Dam of	
Selma of Pinehurst II 19626, A. R. 624, G.....	430.01
Selma of Pinehurst II 19626, A. R. 624, A. (re-entry).....	489.68
dam of	
Lizette of Pinehurst 24657, A. R. 1297, G.....	331.15
Lizette of Pinehurst 24657, A. R. 1297, B. (re-entry).....	395.37
Stranford's Glenwood of Pinehurst III 16202, A. R. sire of	
Glenwood Sundari 39600, A. R. 3591, G.....	318.02
Ellalee of Waukesha 43774, A. R. 4000, G.....	291.20



Selma of Pinehurst 14521, A. R. 325, A, and her twin calves.

Selma of Pinehurst III 23798, A. R. 786, G.....	472.97
Selma of Pinehurst III 23798, A. R. 786, E. (re-entry).....	512.98
Selma of Pinehurst III 23798, A. R. 786, A. (re-entry).....	471.55
Selma of Pinehurst IV 25703, A. R. 1235, G.....	487.57
Selma of Pinehurst IV 25703, A. R. 1235, E. (re-entry).....	476.76
Selma of Pinehurst IV 25703, A. R. 1235, C. (re-entry).....	553.61
Selma of Pinehurst IV 25703, A. R. 1235, A. (re-entry).....	502.30
Selma's Glenwood 12596, A. R.....	485.77
sire of	
Glenwood Starlight 27435, A. R. 1629, G.....	257.52
Glenwood Starlight 27435, A. R. 1629, B. (re-entry).....	380.24
Primrosedale V 30557, A. R. 2052, G.....	339.51
Primrosedale V 30557, A. R. 2052, D. (re-entry).....	424.92
Selmalette 30554, A. R. 2138, G.....	346.69
Glenwood Eventide 30553, A. R. 2188, G.....	300.48
Ada of Sarnia 34516, A. R. 2538, G.....	238.10
Ada of Sarnia 34516, A. R. 2538, C. (re-entry).....	398.33
Agnes of Sarnia 34514, A. R. 2630, G.....	325.33
Belle Brandon of Sarnia 35367, A. R. 2797, G.....	340.79
Belle Brandon of Sarnia 35367, A. R. 2797, D. (re-entry).....	399.37
Primrosedale VI 35365, A. R. 2870, G.....	374.76
Bess of Sarnia 35366, A. R. 2953, G.....	435.44
Bernice of Sarnia 38107, A. R. 3405, G.....	289.68
Barbara of Sarnia 38110, A. R. 3407, G.....	372.39
Alice of Bailey Falls 41317, A. R. 3436, G.....	457.94
Adeline of Sarnia 34515, A. R. 3643, E.....	318.68
Chimes of Sarnia 40688, A. R. 3707, G.....	339.53
Allenwood Primrose 43192, A. R. 4299, G.....	589.93
Alma of Sarnia 33481, A. R.—B.....	381.57
Selma's Stranford of Pinehurst 14157, A. R.	
sire of	
Glenwood's Polly Vrangue of Ingleside 37581, A. R. 3625, F.....	473.68
Glenwood's Polly Vrangue of Ingleside 37581, A. R. 3625, D. (re-entry).....	602.76
Stranford's Alice of Ingleside 40813, A. R.—E.....	423.76
May King's Lady Chesterbrook of Ingleside II 47888, A. R.—G.....	506.01



Selma 3d of Pinehurst 23798, A. R. 786, E.—512.98 lbs. butterfat in a year.

Sheet Anchor 2934, A. R.

(See picture, page 205, Chapter VIII.)

Sheet Anchor 2934 was born December 2, 1891, was bred by Levi P. Morton, and was purchased as a calf by Joseph L. Hope for the Florham herd, where he spent the remainder of his life. He was first prize winner at nearly all of the Eastern fairs in 1895 and 1897, and was one of the great show bulls of the breed. Few bulls have had as great an opportunity as he, but he certainly was not so great a success as a sire as some of the other great bulls of the breed. His pedigree is as follows:

Imp. Lord Stranford 2187 1st prize over the Island, 1889. Winner of over 200 1st prizes in the U. S.	{	Chronicler 418, P. S..... 4th prize, 1887.	{	Loyal II 110, P. S.
		Miss Maggie 2216, P. S..		France II 1002, P. S.
Imp. Bienfaitrice IV 3657	{	Lord John 144, P. S..... 1st prize, 1884. 3d prize, 1885.	{	Turk 165, F. S.
				Princess II 338, F. S.
		Bienfaitrice 27, P. S..... Com. L. S., 1882.	{	Sir Lancelot of Les Vauxbelets 24, P. S.
				Lady Jane of Oberland III 86, F. S.
			{	Sir Stafford I 135, F. S.
			{	Rosa 272, F. S.

THE GUERNSEY BREED

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His descendants are as follows:

Sheet Anchor's Rutila 9170, A. R. 43, A.....	392.39
Sheet Anchor's Rutila 9170, A. R. 43, A. (re-entry).....	477.83
dam of	
Rutla's May Rose 24946, A. R. 1423, G.....	556.40
Rutla's May Rose 24946, A. R. 1423, E. (re-entry).....	655.93
Rutla's Gold Basis 5625, A. R.	
sire of	
Jennie Wonder 14330, A. R. 498, C.....	404.08
Amarilla III 17582, A. R. 720, E.....	324.16
Queen of Maple Glen 17583, A. R. 749, D.....	387.96
Trilby of Ledyard 23245, A. R. 1049, G.....	320.18
Helen of Ledyard 30500, A. R. 1220, G.....	440.94
Lady Jane Bay II 23246, A. R. 1221, E.....	426.42
Amarilla II 12860, A. R. 1290, A.....	362.50
Dorothy Bay II 30503, A. R. 2110, F.....	422.07
Lady Jane Bay III 30502, A. R. 2112, F.....	429.62
Lassie's Iowa Dairy Girl 28776, A. R. 2855, C.....	380.68
Atala of Ledyard II 27010, A. R. 3028, A.....	463.23
Nora of Ledyard 20599, A. R. 2116, A.....	503.27
Maid of Ledyard 20595, A. R. 4280, A.....	627.82
Ledyard Bay 11074, A. R.	
sire of	
Guinette's Pride III 24958, A. R. 1468, G.....	537.16
Azucena's Pride II 24957, A. R. 1469, F.....	706.46
Azucena's Pride II 24957, A. R. 1469, C. (re-entry).....	855.70
Enola Bay 25060, A. R. 1470, G.....	364.44
Enola Bay 25060, A. R. 1470, E. (re-entry).....	449.49
Winona Bay 27797, A. R. 1632, G.....	588.02
Princess Bay 27804, A. R. 1686, G.....	387.15
Lizetta's Ruth 27803, A. R. 1687, G.....	451.77
Azucena's Bay 27799, A. R. 1730, G.....	405.65
Sibylla's Queen 31174, A. R. 2094, G.....	492.20
Sibylla's Queen 31174, A. R. 2094, D. (re-entry).....	600.76
Lady Rilma 36802, A. R. 2903, G.....	421.56
Enola of Auburn II 36562, A. R. 3632, F.....	498.40
Dandy Jim of Maple Glen 7415, A. R.	
sire of	
Daisy Anchor 17923, A. R. 955, D.....	340.31
Viola Rose 17173, A. R. 2205, A.....	388.87
dam of	
Tube Rose 30636, A. R. 2046, G.....	399.87
Red Rose of Chesterbrook 22763, A. R. 2293, A.....	554.34
Rose Queen 33965, A. R. 2840, G.....	333.70
Red Boy of Ledyard 13410, A. R.	
sire of	
Ann Bay 30505, A. R. 2109, G.....	349.46
Frances of Ledyard 30504, A. R. 2111, G.....	358.70
Michael of Maple Glen 8056, A. R.	
sire of	
Rose Norman 17656, A. R. 704, E.....	314.69
Charlotte B. of Follyland 24258, A. R. 1288, G.....	437.27
Sprightly of Maple Glen 12862	
dam of	
Annabell of Maple Glen 20524, A. R. 1293, D.....	391.24
Sprightly of Maple Glen II 24618, A. R. 1291, G.....	318.49
Rutilant 8399, A. R.	
sire of	
Triple Crown 22282, A. R. 1086, F.....	312.47
Russet Velvet 22286, A. R. 1411, E.....	383.24
Miss Rilma 19834, A. R. 1635, A.....	586.22
Country Lad 10873, A. R.	
sire of	
Florham Rosy 28062, A. R. 2305, C.....	621.36
Beldame III 28064, A. R. 2731, B.....	386.30
Countryman 18121, A. R.	
sire of	
The Lady Bellicent of Hylsted 43115, A. R.—F.....	309.07
Isolt of Hylsted II 43319, A. R.—F.....	297.80

Ruddy Gold 11682, A. R.	
sire of	
Minnie Minted Gold 40720, A. R.—F.....	517.30
Helen Gold 34817, A. R. 4388, C.....	483.74
Alpine Maid 10271, A. R. 99, A.....	418.23
Country Lassie 12230, A. R. 149, C.....	372.57
Grande Dame 13138, A. R. 206, E.....	384.84
Grande Dame 13138, A. R. 206, B. (re-entry).....	558.85
Best Bower 4715, A. R.	
sire of	
Native Honor 12234, A. R. 144, C.....	395.29
Virelay 13300, A. R. 187, E.....	451.92
Annieanlouise 12130, A. R. 857, A.....	396.45
Annieanlouise 12130, A. R. 857, A. (re-entry).....	414.99
Comely V 13068, A. R. 2856, A.....	426.52
Strong Anchor 5849, A. R.	
sire of	
Nancy's Pet 18570, A. R. 617, E.....	454.81
Olga of Ingleside 19836, A. R. 678, E.....	370.86
Olga of Ingleside 19836, A. R. 678, A. (re-entry).....	515.67
Makefield Belle of Katonah 20475, A. R. 787, G.....	353.01
Bessie of Norwood 16711, A. R. 832, A.....	514.37
Clare of Poplar Grove II 14845, A. R. 838, A.....	520.17
Blue Belle of Norwood 17575, A. R. 909, C.....	421.04
Blue Belle of Norwood 17575, A. R. 909, A. (re-entry).....	520.02
dam of	
Blue Belle of Belle Vernon 25988, A. R. 2247, C.....	452.73
Blue Belle of Norwood II 27462, A. R. 2469, D.....	508.51
Elizabeth of Norwood 15289, A. R. 931, A.....	484.19
Rachel of Ingleside 19838, A. R. 1067, C.....	399.83
Lillie of Poplar Grove 16344, A. R. 1172, A.....	504.31
Lady Norwood of Spotswood 15996, A. R. 12228, A.....	393.22
Lady Norwood of Spotswood 15996, A. R. 1228, A. (re-entry).....	465.31
Lady Bella of Katonah 23927, A. R. 1264, G.....	305.66
Olivia of Ingleside 19837, A. R. 1313, A.....	417.97
Dawn of Norwood 15267, A. R. 2099, A.....	444.77
dam of	
Rival's Early Dawn 35276, A. R. 3086, F.....	396.07
Rival's Dawn of Norwood 35275, A. R. 3488, C.....	601.39
Katonah's Lassie 23928, A. R. 2645, C.....	475.73
Clare of Poplar Grove III 16343, A. R. 3922, A.....	568.81
Nancy Mac's Son of Norwood 10044, A. R.	
sire of	
Glencoe's Nancy 26461, A. R. 1505, F.....	474.03
Miss Nancy of Canterbury 26465, A. R. 1506, G.....	492.33
Nancy's Gem 26462, A. R. 1785, E.....	380.24
Nancy Mac's Duchess 29047, A. R. 2616, E.....	495.15
Nancy Merrimac 29046, A. R. 2796, E.....	443.36
Mac's Blossom 26466, A. R. 4027, A.....	529.74
Roy of Norwood 8141, A. R.	
sire of	
Fair Lady of Tarbell Farms 19796, A. R. 1017, E.....	357.82
Emeline of Tarbell Farms 19797, A. R. 1066, D.....	348.86
Choice Rose of Tarbell Farms 23695, A. R. 1119, G.....	387.33
Lady Frances of Tarbell Farms 25166, A. R. 1418, G.....	413.52
Tarbell Farms Ruth 26251, A. R. 1430, G.....	279.99
Betsey Diamond 2nd 27172, A. R. 1777, G.....	325.24
Lilla's Daughter 27042, A. R. 1779, G.....	276.49
Draga B's Louise 23693, A. R. 2595, A.....	490.96
dam of	
Florham Louise 34793, A. R. 2733, F.....	355.82
Nuala 38016, A. R. 3382, G.....	454.15
Princess Loraine of Tarbell Farms 35390, A. R. 3489, E.....	385.85
Libbie of Vlooman's Kill III 37358 A. R.—A.....	424.07
Roy's Jane Ann 41828, A. R. 4091, G.....	352.00
Roy of Tarbell Farms 10627, A. R.	
sire of	
Quercus Maid 25643, A. R. 1503, G.....	428.30
Roy's Betsey 25535, A. R. 2065, D.....	312.35
Florham Louise 34793, A. R. 2733, F.....	355.82

THE GUERNSEY BREED

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Milford Lassie II's Anchor 8467, A. R.	
sire of	
Chilmark Golden Lassie 19478, A. R. 1038, D.....	372.13
Chilmark Golden Lassie 19478, A. R. 1038, A. (re-entry).....	455.19
Queen Rhea 30985, A. R. 2655, E.....	430.35
Clare of the Grove 31593, A. R.—A.....	480.82
Plymouth Anchor 10356, A. R.	
sire of	
Ellalce of Paxtang II 25669, A. R. 1170, F.....	347.95
Queen of the Elms II 25670, A. R. 1205, F.....	359.47
Quail of Fritzlyn 25948, A. R. 1561, G.....	363.25
Snowbird of the Elms 25672, A. R. 2028, B.....	407.60
Query of the Elms 25918, A. R. 3889, A.....	491.92
Snowball of Fritzlyn 25682, A. R. 4323, A.....	509.64
Flower Girl's Pride of Casco 19852, A. R.	
sire of	
Pride's Althea 37606, A. R.—G.....	350.35
Flower Girl's Rose 37341, A. R.—G.....	268.88
Uncle Jim 16740, A. R.	
sire of	
Forget-me-not of Cedartop 38291, A. R. 3204, G.....	459.20
Juliana of Gerar 41706, A. R. 3721, G.....	459.52
Storm Anchor 10576, A. R.	
sire of	
Princess L. of Tarbell Farms 20220, A. R. 869, G.....	395.46
Princess Madge of Tarbell Farms 20219, A. R. 871, G.....	391.28
Orgarita of Tarbell Farms 20217, A. R. 3305, A.....	587.26
Prince Mac of Katonah 11030, A. R.	
sire of	
Lady Makefield of Katonah 25821, A. R. 2092, E.....	320.76
Beatrice of Katonah 25819, A. R. 2647, C.....	375.36
Katonah's Bluebell 37893, A. R. 4385, D.....	407.56
Sweet Alice King's Son 8140, A. R.	
sire of	
Bess of Locust Grove 28886, A. R. 1874, B.....	465.53
Bess of Locust Grove 28886, A. R. 1874, A. (re-entry).....	569.60
Itchen Chloe of Norwood 36036, A. R. 2976, G.....	283.92
Itchen Sweet Alice 36417, A. R. 3029, G.....	529.49
Strong Anchor II 12836, A. R.	
sire of	
Katonah's Nancy 27314, A. R. 2646, F.....	384.69
Katonah's Bella 27315, A. R. 2648, E.....	341.61
Silver Anchor 8791, A. R.	
sire of	
Beulah of Pittsgrove II 26042, A. R. 1196, D.....	355.36
Beulah of Pittsgrove III 28110, A. R. 3550, A.....	540.58
Rhea Girl 17137	
dam of	
Frances of the Grove 25718, A. R. 1562, G.....	274.29
Queen Rhea 30985, A. R. 2655, E.....	430.35
Main Stay 3789, A. R.	
sire of	
Main Stay's Honoria 11120, A. R. 57, C.....	419.52
Jewel of Haddon 11259, A. R. 92, C.....	397.25
Maid of Orleans 11122, A. R. 98, B.....	353.63
Lucretia's Maid of Honor 12618, A. R. 137, D.....	410.82
dam of	
Lucretia's Maid of Honor V 23862, A. R. 1249, G.....	276.93
Lucretia's Maid of Honor III 169992, A. R. 2085, A.....	466.17
Lucretia's Maid of Honor VI 26123, A. R. 2086, E.....	409.71
My Lady Bountiful 12617, A. R. 145, E.....	360.61
dam of	
Queenie of Haddon 34494, A. R. 2500, G.....	377.64
Glenwood's Main Stay II 7984, A. R.	
sire of	
Miranda of Mapleton 19606, A. R. 914, D.....	565.97
Miranda of Mapleton 19606, A. R. 914, B. (re-entry).....	540.25
Miranda of Mapleton 19606, A. R. 914, A. (re-entry).....	783.40
Miranda of Mapleton 19606, A. R. 914, A. (re-entry).....	927.16
Olga's Fawn 25647, A. R. 1625, G.....	406.98
Janet of Mapleton 20149, A. R. 2674, A.....	500.27

Rowena's Main Stay 9782, A. R.	
sire of	
Rowena Bess 24301, A. R. 2789, A.	501.76
Hazel of Pine Grove Farm 21715, A. R. 3574, A.	483.65
Nellie Tostevin of Mapleton 20181	
dam of	
Nellie Tostevin of Mapleton II 26449, A. R. 1863, D.	637.71
Nellie Tostevin of Mapleton III 30318, A. R. 2121, G.	664.01
Glenwood's Main Stay XIV 8910, A. R.	
sire of	
Jean of Tawawa 19159, A. R. 873, E.	490.25
Jean of Tawawa 19159, A. R. 873, A. (re-entry)	588.47
Lorena of Tawawa 20131, A. R. 1351, B.	377.50
Leading Lady 10321, A. R. 150, A.	388.23
dam of	
Morven's May Rose 18357, A. R. 601, G.	364.38
Queen of Song 15747, A. R. 351, F.	316.26
Atlantis of Pinehurst 14525, A. R. 182, G.	389.78
Kitty Cooper II 14568, A. R. 265, G.	353.46
Layyah of Pinehurst 13055, A. R. 398, C.	343.72
Glenwood's Main Stay 6067, A. R. (See picture, page 340.)	
sire of	
Ona of Haddon 18185, A. R. 338, G.	266.36
Glenwood's Harmony of Haddon 15872, A. R. 384, G.	337.95
dam of	
Glenwood's Harmony of Haddon III 27376, A. R. 1533, C.	372.96
Glenwood's Harmony of Haddon IV 28933, A. R. 3770, A.	383.48
Brier Rose of Haddon 18577, A. R. 386, G.	286.48
Chesterbrook's Nubiana of Haddon 19645, A. R. 461, G.	283.02
Minnie of Haddon 19644, A. R. 466, G.	333.19
Trailing Arbutus of Haddon 18297, A. R. 565, G.	324.76
Elberon's Daughter of Haddon 18299, A. R. 566, G.	364.46
Glenwood's Coralie of Haddon 22113, A. R. 644, G.	293.09
Rosalie of Haddon 14709, A. R. 671, A.	421.76
Lady Chesterbrook of Haddon 22755, A. R. 713, G.	403.07
Lady Chesterbrook of Haddon 22755, A. R. 713, C. (re-entry)	466.16
Lady Chesterbrook of Haddon 22755, A. R. 713, A. (re-entry)	529.67
Lady Chesterbrook of Haddon 22755, A. R. 713, A. (re-entry)	479.01
dam of	
Benton's Lady Chesterbrook of Ingleside 28672, A. R. 2714, D.	341.99
May King's Lady Chesterbrook of Ingleside 35127, A. R. 2761, G.	419.80
Glenwood's Elizabeth of Haddon 18824, A. R. 997, C.	450.88
dam of	
Lass of Prospect 23945, A. R. 1743, E.	376.13
Radium's Glenwood 22370, A. R. 1093, F.	314.47
Radium's Glenwood 22370, A. R. 1093, C. (re-entry)	387.42
Heartsome 26602, A. R. 1932, F.	359.79
Glenwood's Chesterbrook of Haddon 27665, A. R. 1121, F.	406.76
Glenwood's Chesterbrook of Haddon 27665, A. R. 1121, A. (re-entry)	547.62
Glenwood Girl IV's G. D. of Haddon 28929, A. R. 1201, G.	298.26
Glenwood Girl IV's G. D. of Haddon 28929, A. R. 1201, A. (re-entry)	403.32
Adella G. II 28932, A. R. 1524, G.	382.04
Elberon's Glenwood of Haddon 28934, A. R. 1526, G.	347.68
Elberon's Glenwood of Haddon 28934, A. R. 1526, A. (re-entry)	825.90
Adella G. of Haddon 28937, A. R. 1744, G.	348.50
Elberon of Haddon 29609, A. R. 1787, G.	318.05
May Blossom's Glenwood of Haddon 28938, A. R. 1870, G.	382.71
Nubiana Glenwood of Haddon 27995, A. R. 2383, E.	349.76
Martilla of Haddon 32136, A. R. 2410, F.	395.72
Adventuress of Haddon 36685, A. R. 2965, G.	423.27
Adventuress of Haddon 36685, A. R. 2965, E. (re-entry)	492.40
Glen Rose of Haddon 35749, A. R. 3085, E.	483.07
Glenwood's Gay Lass of Haddon 31224, A. R. 3278, C.	438.50
Amie Garfield of Haddon 24351, A. R. 3557, A.	590.46
Glenwood Girl V's Perfection II 37404, A. R. 3559, F.	399.64
Selma of Waukesha 36212, A. R.—C.	350.60
Glenwood's Main Stay II 7984, A. R.	
sire of	
Miranda of Mapleton 19606, A. R. 914, D.	565.97
Miranda of Mapleton 19606, A. R. 914, B. (re-entry)	540.25
Miranda of Mapleton 19606, A. R. 914, A. (re-entry)	783.40

Miranda of Mapleton 19606, A. R. 914, A. (re-entry).....	927.16
Olga's Fawn 25647, A. R. 1625, G.....	406.98
Janet of Mapleton 20149, A. R. 2674, A.....	500.27
Rowena's Main Stay 9782, A. R.	
sire of	
Rowena Bess 24301, A. R. 2789, A.....	501.76
Hazel of Pine Grove Farm 21715, A. R. 3574, A.....	483.65
Nellie Tostevin of Mapleton 20181	
dam of	
Nellie Tostevin of Mapleton II 26449, A. R. 1863, D.....	637.71
Nellie Tostevin of Mapleton III 30318, A. R. 2121, G.....	664.01
Glenwood's Main Stay VI 8641, A. R.	
sire of	
Lemon Butter 22764, A. R. 1031, G.....	442.75
Jessica's Jewel 24445, A. R. 1344, E.....	303.29
Pleasure's Beauty 25187, A. R. 1401, G.....	354.55
Lizette 19429, A. R. 1452, A.....	400.07
Lady Trowbridge II 23015, A. R. 1478, D.....	415.43
Anita of Wasteland 24930, A. R. 1481, G.....	294.44
Hope of Landenberg 24487, A. R. 1482, G.....	281.20
Red Rose of Wasteland 23017, A. R. 1483, E.....	303.50
Golden Glenwood 10635, A. R.	
sire of	
Glen Golden 26607, A. R. 1412, E.....	318.03
Lalla Glenwood 26608, A. R. 1477, G.....	421.59
Golden Glenwood's Queen 26848, A. R. 1556, G.....	419.98
Golden Glenwood's Daughter 30565, A. R. 1746, C.....	349.16
Golden Glenwood's Daughter 30565, A. R. 1746, A. (re-entry).....	452.94
Alice Glenwood 29773, A. R. 1957, G.....	405.64
Alice Glenwood 29773, A. R. 1957, A. (re-entry).....	557.94
Glenwood Girl of the Diamond 29269, A. R. 2642, B.....	513.50
Becky Glenwood 33741, A. R. 3262, D.....	450.61
Pencader's Dorothy 36282, A. R. 3832, E.....	391.33
Senator Trowbridge 11351, A. R.	
sire of	
Senecta 28125, A. R. 2268, F.....	352.88
Miss Catania 32283, A. R. 2323, G.....	472.16
Jerusalem Queen 32284, A. R. 2393, G.....	440.05
Circinette 34099, A. R. 2605, G.....	324.41
Alcestis 34016, A. R.—D.....	379.04
Mona of Bound Brook 37981, A. R. 4017, G.....	289.15
Vega's Grandson 12210, A. R.	
sire of	
Witch III 27222, A. R.—A.....	541.59
Esther of Guernsey Knob IV 27332, A. R.—A.....	618.97
Glenwood's Main Stay XIV 8910, A. R.	
sire of	
Jean of Tawawa 19159, A. R. 873, E.....	490.25
Jean of Tawawa 19159, A. R. 873, A. (re-entry).....	588.47
Lorena of Tawawa 20131, A. R. 1351, B.....	377.50
Glenwood's Main Stay XV 9383, A. R.	
sire of	
Glenwood's Silver Girl 23871, A. R. 1363, E.....	345.46
Gaylaas of Haddon 32138, A. R. 2890, E.....	379.47
Lady Mary of Haddon 38354, A. R. 3560, F.....	431.79
Elberon of Iowa 43163, A. R.—G.....	644.70
Glenwood's Main Stay XVI 9384, A. R. (See picture, page 343, Chapter XIV.)	
sire of	
Lilac of Pencoyd 20577, A. R. 898, F.....	406.15
Lilac of Pencoyd 20577, A. R. 898, A. (re-entry).....	609.09
dam of	
Lilac of Pencoyd II 26444, A. R. 2726, B.....	460.68
Golden Bob of Pencoyd 15833, A. R.	
sire of	
Pet's Golden Beauty 39364, A. R. 3269, G.....	450.03
Golden Glenwood's Dolly 39365, A. R. 3270, G.....	340.17
Golden's Pearl 39366, A. R. 3271, G.....	403.10
Golden's Mary 39367, A. R. 3272, G.....	323.37
Clover of Pencoyd 20578, A. R. 943, G.....	370.41
Clover of Pencoyd 20578, A. R. 943, A. (re-entry).....	546.77
Lady Archer of Pencoyd 28001, A. R. 2023, F.....	514.46

Lady Archer of Pencoyd 28001, A. R. 2023, A. (re-entry).....	650.35
Lilian of Pencoyd 23370, A. R. 2532, A.....	462.20
Lady Norwood of Pencoyd 31294, A. R. 2542, F.....	460.12
Clover of Pencoyd II 35083, A. R. 2725, G.....	481.91
Daisy of Pencoyd 35084, A. R. 2814, G.....	523.07
Lucy of Meriom 42616, A. R. 3192, A.....	373.62
Queen of Salemtown II 23371, A. R. 3496, A.....	679.71
Barmouth of Pencoyd 11059, A. R. sire of	
Tube Rose 30636, A. R. 2046, G.....	399.87
Miss Nellie Rose 30635, A. R. 2127, G.....	328.71
May Rose of Chesterbrook 32518, A. R. 2461, G.....	312.25
Miss Villanette 27703, A. R. 2462, E.....	442.30
Polly Hyacinth 32519, A. R. 2463, G.....	318.25
Miss Ladybird 28783, A. R. 2487, E.....	311.62
Betty Honor 32729, A. R. 2572, G.....	469.88
Lady Jane of Chesterbrook 33589, A. R. 2622, G.....	319.42
Rose Queen 33965, A. R. 2840, G.....	333.70
Bessie Villanette 32891, A. R. 2918, F.....	387.77
Pink Rose 35015, A. R. 3249, F.....	298.24
Bessie Rilma 35681, A. R. 3353, F.....	408.33
Glenwood's Main Stay XXII 11133, A. R. sire of	
Malinda Glenwood 33802, A. R. 2318, E.....	460.54
Primrose Olivia 29442, A. R. 2319, E.....	374.58
Primrose Maya 32506, A. R. 2482, G.....	273.96
Aurora Primrose 31539, A. R. 2913, D.....	459.78
Glenwood's Reputation 7687, A. R. (See picture, page 338, Chapter XIV.) sire of	
Idalia B. 17546, A. R. 606, F.....	380.89
Cora May 22244, A. R. 1319, E.....	327.13
Lilly Glenwood 17834, A. R. 1592, A.....	639.98
Thelma Glenwood 18829, A. R. 1722, A.....	658.95
dam of	
Snippie Glenwood 29089, A. R. 1853, G.....	510.59
Glendett's Thelma Glenwood 39031, A. R. 2177, G.....	434.07
Lily Ella Glenwood 22104 dam of	
Contrafuria 29090, A. R. 1854, G.....	534.14
Lilyett 33416, A. R. 2485, G.....	430.94
Pearl of Linden Home 24783, A. R. 1749, F.....	371.88
Cilmaenen's Glenwood Girl 18324, A. R. 1838, A.....	475.95
Broken Glenwood 20958, A. R. 2567, A.....	462.63
Beauty of Linden Home 35914, A. R. 2581, G.....	431.18
Louise of West Salem 22662, A. R. 2690, A.....	518.37
Margaret of West Salem 21535, A. R. 2812, A.....	453.97
Margaret of West Salem 21535, A. R. 2812, A. (re-entry).....	534.82
Lilyta of Linden Home II 24000, A. R. 3049, A.....	524.13
Mabel of Linden Home 23009, A. R. 3385, A.....	582.49
Mabel of Linden Home 23009, A. R. 3385, A. (re-entry).....	754.83
Previty of Linden Home 25969, A. R. 3386, A.....	566.67
Hilda of Linden Home 23007, A. R. 3576, A.....	615.86
Reputation's May 25784, A. R. 3577, A.....	430.07
Lily of Linden Home 23010, A. R. 3839, A.....	427.86
Lovice of Linden Home 23008, A. R.—A.....	440.52
Reputation of Portage 10695, A. R. sire of	
Siecclea Pearl 34379, A. R. 2666, G.....	442.30
Alma Ethel 33964, A. R. 2707, G.....	495.39
Cinderella Josephine 34500, A. R. 2709, G.....	529.81
Cordella 34378, A. R. 2823, G.....	350.40
Mabel Olive 33963, A. R. 2825, G.....	493.98
Mandagay 33367, A. R. 4012, D.....	382.09
Mauley 23526 dam of	
Cordella 34378, A. R. 2823, G.....	350.40
Cradey Lehigh 39588, A. R. 3733, G.....	449.75
Glenwood's Winner of Haddon 7880, A. R. sire of	
Gaiety's Glenwood 20704, A. R. 2068, A.....	528.59
Cora of West View 19344, A. R. 2083, A.....	547.44
Glenwood's Beauty 18407, A. R. 2196, A.....	435.96

Melvina's Queen's Glenwood 20706, A. R. 2325, A.....	476.09
Lucretia's Glenwood Boy of Haddon 9264, A. R. sire of	
Penstate's Cena Glenwood 27117, A. R. 1617, D.....	414.21
Penstate's Cena Glenwood 27117, A. R. 1617, A. (re-entry)....	481.00
Glenwood's Flovina 20824, A. R. 1666, A.....	366.22
Glenwood's Masher of Haddon 15529, A. R. sire of	
Algoma of Haddon 36686, A. R. 3180, F.....	344.74
Edith of Cox Farms 36808, A. R. 3878, F.....	376.73
Baba of Haddon 41150, A. R. 3611, G.....	360.30
Elfreda of Haddon 36575, A. R. 3668, F.....	494.56
Topay of Cox Farms 45838, A. R. 3879, F.....	329.38
Mignonette of Haddon 41151, A. R. 4368, E.....	474.94
Glenwood Boy of Waukesha 15776, A. R. sire of	
Woodbine's Glenwood Girl 47500, A. R. 3252, G.....	318.90
Jennie Glenwood of Inverness 54504, A. R. 3954, G.....	435.19
Mollie Glenwood of Inverness 42707, A. R. 3955, G.....	366.45
Glenwood's Lynette of Inverness 43074, A. R. 4067, G.....	339.98
Gold Heels 8321, A. R. sire of	
Charity Kent 23632, A. R. 3683, A.....	383.24
Mina Troll II 26056, A. R. 4306, A.....	497.99
Josephine Elmhurst's Gold Heels 11780, A. R. sire of	
Dorena of the Elms 33915, A. R.—B.....	355.58
Eltha 33914, A. R.—A.....	447.71
Glenwood Meddler of Haddon 15748, A. R. sire of	
Meddler's Edith of Cox Farms 45866, A. R. 4285, G.....	352.05
Glenburnie Belle 37534, A. R.—E.....	527.25
Irene V of Cox Farms 45839, A. R. 4355, G.....	370.37
Glenburnie Girl 37532, A. R.—D.....	684.83
Jessie's Wilda 17322 dam of	
Majella of Haddon 32140, A. R. 2095, G.....	425.31
Winsome of Haddon 36966, A. R. 2649, G.....	314.00
Vilanette 15767 dam of	
Miss Vilanette 27703, A. R. 2462, E.....	442.30
Bessie Vilanette 32891, A. R. 2918, F.....	387.77
Veribest 9845, A. R. sire of	
Roberta of Annandale 24472, A. R. 1485, F.....	524.06
Flora of Annandale 27273, A. R. 1598, G.....	399.12
Resume of Annandale 24438, A. R. 1619, E.....	546.65
Olga Rose of Dellwood 37054, A. R. 3046, G.....	459.56
Main Stay of Belvan Heights 5804, A. R. sire of	
Scylla of the Glen 15589, A. R. 543, C.....	437.90
Scylla of the Glen 15589, A. R. 543, A. (re-entry).....	700.98
Lilac of the Glen 15591, A. R. 544, C.....	382.07
Sweet Clover of the Glen 15635, A. R. 559, C.....	408.97
Olga of the Glen 15593, A. R. 1739, A.....	657.46
Cottage Maid of the Glen 15594, A. R. 2144, A.....	581.65
Honoria IV's Main Stay 4904, A. R. sire of	
Princess Dorothy 13201, A. R. 411, C.....	361.52
Lady Golden 13205, A. R. 481, A.....	405.43
Glenwood's Sheet Anchor of Haddon 6372, A. R. sire of	
Vena of Wasteland 16522, A. R.—A.....	527.84
Gem's Marguerite 19276, A. R. 1593, A.....	465.96
Millionaire 4955, A. R. sire of	
Queen Red Rose 14340, A. R. 158, G.....	405.14
Lady McQueen 14581, A. R. 178, C.....	449.03
Miss McQueen 14582, A. R. 294, E.....	349.33
Maxine Elliott II 16461, A. R. 889, A.....	500.29
Maxine Elliott III 16462, A. R. 1008, A.....	385.37
Sadie Pancoast 28810, A. R. 2213, A.....	441.24

Selectrina's College Boy 4437, A. R.	
sire of	
Cena's Selectrina 17337, A. R. 2211, A.	440.96
dam of	
Penstate's Cena Glenwood 27117, A. R. 1617, D.	414.21
Penstate's Cena Glenwood 27117, A. R. 1617, A. (re-entry)	481.00
Penstate's Cenatu Glenwood 27119, A. R. 2167, C.	429.72
Penstate's Vina 27118, A. R. 2520, A.	370.85
Penstate's Vina 27118, A. R. 2520, A. (re-entry)	475.00
Sheet Anchor II 4149, A. R.	
sire of	
Proda of Burnside 14229, A. R. 55, E.	459.59
dam of	
May Day's Proda 24796, A. R. 907, G.	378.94
Procida 21914, A. R. 751, A.	421.89
Peaches of Paxtang 10333, A. R. 237, A.	477.67
Sultana II of Paxtang 11250, A. R. 360, A.	455.70
dam of	
Marshall's Sultana of Waddington 24556, A. R. 1495, F.	395.68
Marshall's Sultana of Waddington 24556, A. R. 1495, D. (re-entry)	421.20
Marshall's Sultana of Waddington 24556, A. R. 1495, B. (re-entry)	497.03
Sultana of Waddington 22782, A. R. 981, G.	278.16
Sultana of Waddington 22782, A. R. 981, A. (re-entry)	429.87
Sultana of Waddington 22782, A. R. A. (re-entry)	497.03
Sunbeam of Paxtang 14619, A. R. 195, F.	286.37
Chantilly's Sheet Anchor 12067, A. R.	
sire of	
Lady Norton of Willow Brook 32546, A. R. 2020, G.	343.70
Colgate of Gerar 33623, A. R. 2310, G.	394.31
Colgate of Gerar 33263, A. R. 2310, D. (re-entry)	463.22
Henrietta of Gerar 33624, A. R. 2366, G.	399.67
Sallie Fisher 26168, A. R. 3073, C.	452.08
Fillmore's Sultan 9117, A. R.	
sire of	
Fillmore's Imogene 21510, A. R. 1118, E.	461.43
Fillmore's Miss Priscilla 25397, A. R. 1139, G.	351.26
Sultan's Bonny 25396, A. R. 1147, G.	478.98
Fillmore's Miss Chautress 25398, A. R. 1258, G.	398.33
Plough Girl 25399, A. R. 1323, G.	330.04
Sultana's Sailor 7536, A. R.	
sire of	
Pride of Gerar 17724, A. R. 1225, A.	394.27
Pride of Gerar 17724, A. R. 1225, A. (re-entry)	504.12
Mary Jane of Gerar 17013, A. R. 2367, A.	495.05
Mary Jane of Gerar 17013, A. R. 2367, A. (re-entry)	694.08
Mary Jane of Gerar 17013, A. R. 2367, A. (re-entry)	697.22
dam of	
Gerar Pearl 23595, A. R. 1107, G.	382.31
Gerar Pearl 23595, A. R. 1107, D. (re-entry)	422.17
Gerar Pearl 23595, A. R. 1107, A. (re-entry)	524.01
Edna of Gerar 22153, A. R. 2309, A.	383.73
Louise Fisher 16382, A. R. 3072, A.	494.10
Louise Fisher 16382, A. R. 3072, A. (re-entry)	487.61
dam of	
Colgate of Gerar 33623, A. R. 2310, G.	394.31
Colgate of Gerar 33623, A. R. 2310, D. (re-entry)	463.22
Sallie Fisher 26168, A. R. 3073, C.	452.08
Sultan of Burnside 8114, A. R.	
sire of	
Sultan's Lily of Woodside 17595, A. R. 577, G.	340.54
Sultan's Deanie 18373, A. R. 662, F.	369.23
Sultan's Solitaire 9905, A. R.	
sire of	
Goldie's Irene 28852, A. R. 1371, F.	338.32
Grace of Pomeroy 28857, A. R. 2354, C.	481.96
Woodlawn's Myra 28853, A. R. 3953, A.	396.75
Woodlawn's Venus 27352, A. R.—A.	564.26
Deanie's Sultan 9910, A. R.	
sire of	
Divan's Deanie of Brookmead 25884, A. R. 2156, D.	468.97
Hildie of Brookmead 42617, A. R. 4341, E.	632.50
Grafton of Upton Pyne 12627, A. R.	

Harriette of Upton Pyne 26491, A. R. 2894, B.....	485.58
Marguerite of Upton Pyne 39489, A. R.—A.....	552.78
Mariana of Upton Pyne 34552, A. R.—A.....	553.00
Eurydice of Somerset 19999	
dam of	
Hypatia of Somerset 25733, A. R. 2792, B.....	468.62
Kalmia of Somerset 36793, A. R. 3522, F.....	374.54
Rilma of Paxtang 10331	
dam of	
May Rilma 22761, A. R. 1726, C. (see picture, page 168, Chapter V.)	589.07
May Rilma 22761, A. R. 1726, A. (re-entry).....	1,073.41
Miss Rilma 19834, A. R. 1635, A.....	586.22
Nellie Rilma 24453, A. R. 2204, C.....	558.03
Virginia Girl 11128	
dam of	
Dorothy Manners of Paxtang 14616, A. R. 165, F.....	333.20
Snowdrift of Paxtang 19315, A. R. 761, G.....	341.18
dam of	
Snowbird of the Elms 25672, A. R. 2028, B.....	407.60
Dairymaid of Chestnut Hill 31440, A. R. 2184, F.....	331.03
Rutila's Sheet Anchor 5701, A. R.	
sire of	
Florham Lassie 15741, A. R. 202, G.....	350.33
Dewy Rose 16863, A. R. 225, F.....	389.77
Queen of Song 15747, A. R. 351, F.....	316.26
Pride of Birth 18443, A. R. 641, G.....	362.97
Pride of Birth 1844, A. R. 641, A. (re-entry).....	641.12
dam of	
Pride of Castle Haven 25981, A. R. 1564, F.....	405.48
Pride of Castle Haven 25981, A. R. 1564, B. (re-entry).....	471.67
Pride of Place 22284, A. R. 1791, C.....	531.26
Langwater Suffragette 29730, A. R. 2346, G.....	416.69
Langwater Pride 35752, A. R. 3410, F.....	553.30
Sheet Anchor's Beda 18228, A. R. 643, F.....	369.23
Radiant Rose 22276, A. R. 1261, E.....	359.84
Comely VI 15743, A. R. 1634, A.....	652.45
Florham Hyacinth 17286, A. R. 1727, A.....	573.17
Butterscotch 15748, A. R. 2460, A.....	413.13
dam of	
Annie Butterscotch 22760, A. R. 1725, C.....	381.95
Daisy Butterscotch 24452, A. R. 1851, E.....	447.06
Miss Butterscotch 19835, A. R. 2149, A.....	484.75
Deanie of Lewison 17494, A. R. 2552, A.....	452.01
Florham Charm 18718, A. R. 3667, A.....	512.32
Pretor 9316, A. R.	
sire of	
Pretor's Jessie 22032, A. R. 1134, E.....	331.27
Pretor's Jessie 22032, A. R. 1134, A. (re-entry).....	574.88
Pretor's Jessie 22032, A. R. 1134, A. (re-entry).....	630.97
Victoria of Maple Glen 21218, A. R. 1284, D.....	343.24
Victoria of Maple Glen 21218, A. R. 1284, A. (re entry).....	374.09
Sprightly of Maple Glen II 24618, A. R. 1291, G.....	318.49
Annabell of Maple Glen 20524, A. R. 1293, D.....	391.24
Pride of Castle Haven 25981, A. R. 1564, F.....	405.48
Pride of Castle Haven 25981, A. R. 1564, B. (re-entry).....	471.67
Princess Pretoria 28403, A. R. 1786, G.....	439.79
Princess Pretoria 28403, A. R. 1786, A. (re-entry).....	543.11
Melvina 22938, A. R. 1864, C.....	459.76
Pretor's Golden Lena 22033, A. R. 2053, A.....	486.47
Doris Pretoria 24620, A. R. 2298, C.....	611.53
Langwater Suffragette 29730, A. R. 2346, G.....	416.69
Eugenie of Maple Glen 21219, A. R. 2406, A.....	535.94
Florodora of Maple Glen 25306, A. R. 2422, C.....	423.18
Gracieuse of Burnside 29141, A. R. 3975, A.....	499.78
Pretor of Maple Glen 10620, A. R.	
sire of	
Elizabeth of Willowdale 26522, A. R. 1901, G.....	288.31
Beauty of Willowdale 27348, A. R.—D.....	377.88
Pretor of Cayuga 12313, A. R.	
sire of	
Miss of St. Louis II 32977, A. R. 2961, E.....	481.63
Miss of St. Louis II 32977, A. R. 2961, B. (re-entry).....	595.12

Louisa of the Village 32982, A. R.—F.....	392.12
Village Girl IV 34212, A. R.—F.....	371.06
Belle Hopeful III 32980, A. R.—E.....	302.44
Eva's Pretor 14023, A. R. sire of	
Kalmia of Somerset 36793, A. R. 3522, F.....	374.54
Kitty of Somerset 36054, A. R. 4066, D.....	353.12
Pretoria's Sheet Anchor of Florham 9848, A. R. sire of	
Pretoria's Jollity of Wawa 21895, A. R. 1270, E.....	302.25
Lady Bendbrook of Wawa 21893, A. R. 1282, E.....	355.00



Pretor 9316, A. R.

Bess-Pretoria of Wawa 26927, A. R. 1630, G.....	347.82
Flora Hires of Wawa 34893, A. R. 2767, G.....	290.88
Marshall of France 9051, A. R. sire of	
Sultana of Waddington 22782, A. R. 981, G.....	278.16
Sultana of Waddington 22782, A. R. 981, A. (re-entry).....	429.87
Sultana of Waddington 22782, A. R. 981, A. (re-entry).....	497.03
Rosette of Waddington 22781, A. R. 1494, B.....	430.21
Rosette of Waddington 22781, A. R. 1494, A. (re-entry).....	560.80
Rosette of Waddington 22781, A. R. 1494, A. (re-entry).....	577.02
dam of	
Aimable's Rosette 29816, A. R. 2411, E.....	379.73
Aimable's Rosette 29816, A. R. 2411, B. (re-entry).....	551.74
Rosette's Virginia of Waddington 34832, A. R. 3116, F.....	412.08
Marshall's Sultana of Waddington 24556, A. R. 1495, F.....	395.68
Marshall's Sultana of Waddington 24556, A. R. 1495, D. (re-entry).....	421.20
Marshall's Sultana of Waddington 24556, A. R. 1495, B. (re-entry).....	502.15
Deanie's France of Lewison 22789, A. R. 2082, A.....	585.95
Marshall's Princess 22786, A. R. 2553, A.....	489.43
Millford of Waddington 22787, A. R. 2554, A.....	468.63
Marshall's Lady Dudley 43364, A. R. 3150, G.....	606.46
Marshall's Primrose 52167, A. R. 3425, G.....	406.50
Marshall's Diamond Flossie 39116, A. R. 3490, F.....	432.52
Marshall's Lily of France 35838, A. R. 3737, D.....	556.26
Marshall's Dorothy Diamond 39115, A. R. 3738, E.....	389.84

Rosette's Marshall 12236, A. R.	
sire of	
Daisy of Oakwood 49838, A. R. 3775, E.....	462.28
Lady of Oakwood 33551, A. R.—C.....	428.72
Susie of Oakwood 31544, A. R. 4302, A.....	397.34
Rutilant 8399, A. R.	
sire of	
Triple Crown 22282, A. R. 1086, F.....	312.47
Russet Velvet 22286, A. R. 1411, E.....	383.24
Miss Rilla 19834, A. R. 1635, A.....	586.22
Country Lad 10873, A. R.	
sire of	
Florham Rosy 28062, A. R. 2305, C.....	621.36
Beldame III 28064, A. R. 2731, B.....	386.30
Countryman 18121, A. R.	
sire of	
The Lady Bellicent of Hylsted 43115, A. R.—F.....	309.07
Isolt of Hylsted II 43319, A. R.—F.....	297.80
Ruddy Gold 11682, A. R.	
sire of	
Minnie Minted Gold 40720, A. R.—F.....	517.30
Helen Gold 34817, A. R. 4388, C.....	483.74
Antoninus 9042, A. R.	
sire of	
Luella of Graymont 25017, A. R. 2301, C.....	490.64
Lady Rose's Daughter 25009, A. R. 2689, A.....	478.21
Strenuous 8216, A. R.	
sire of	
Violet of Bayside 25081, A. R. 2387, C.....	348.47
Fernwood's Hazel of Bayside 27997, A. R. 2715, D.....	319.11
Volta 4163, A. R.	
sire of	
Midnight Chimes 11130, A. R. 314, A.....	364.19
Robinia 16174, A. R. 420, F.....	442.42
Celosia 11129, A. R. 540, A.....	578.75
Celosia 11129, A. R. 540, A. (re-entry).....	431.03

Imp. Tricksey 1760.

Tricksey 1760 was bred by John Gibson, St. Martin's, Guernsey, and was No. 267 of the Calf Register of the Royal Guernsey Agricultural Society. The following is her tabulated pedigree:

Champion II 130, F. S...	{ Champion I, P. S.....	{ Willie 99, P. S.
2d prize, 1887.	3d prize, 1880.	La Rose 273, F. S.
	Beauty.	

Lady Bird 604, F. S.

She was imported by the late S. C. Kent, was sold by him to J. H. Jackson, West Grove, Pa., and later repurchased by Mr. Kent. She was the property of Mr. Kent until June, 1887, when she was sold to I. J. Clapp, Kenosha, Wis., and at the dispersal of his herd after his death she was sold on June 25, 1890, to R. S. Houston, Kenosha, Wis. In the fall of 1891 she was sold to the Minnesota Experiment Station, where she died of tuberculosis at about 12 years of age, after probably carrying the disease for several years.

I saw Tricksey for the first time at Mr. Clapp's, May 29, 1887, and was impressed at first sight with her beauty and her dairy qualities.

I think she was never shown at a fair but once, at the Wisconsin State Fair in 1888, where she was second in aged cow class, and, under another judge, was sweepstakes Guernsey cow, any age.

She was never tested either for a week or a year while in her prime, but when I was at Mr. Clapp's farm on October 1, 1889,

Tricksey had calved September 6th, and was milking over 40 pounds. At my request Mr. Clapp saved one day's milk, from which was made 2 pounds 7¾ ounces of butter.

While tubercular in her 11th year at the Minnesota Station she made 340.7 pounds fat in a year. R. S. Houston once wrote me that she was the richest milker he ever had in his herd.

Tricksey was evidently always a regular breeder. Her first calf was St. John of West Grove 10791, sired by Yellow Sultan 367, and was dropped May 11, 1884. This bull had no registered progeny, as far as I can find.

Her second calf was Tricksey 2d 2633, last owned by W. I. Hamilton, Fond du Lac, Wisconsin, and she went in the tubercular wreck of his herd in 1890. She was a very choice cow, and made 8 pounds of butter in 3½ days as a three-year-old. Her sire was Lord Baltimore 456.

The records of her other descendants are as follows:

Tricksey III 3191	
dam of	
Tricksey of Waukesha 19016, A. R. 1438, A.	479.17
Treynore 3523, A. R.	
sire of	
Lilynore 15370, A. R. 330, G.	490.38
Lilynore 15370, A. R. 330, D. (re-entry)	494.71
Yeksamine 15585, A. R. 379, G.	430.05
Yeksalia 15440, A. R. 579, B.	475.16
Fair Jessie 18771, A. R. 664, G.	307.34
Treynore's Lenorill 17223, A. R. 925, A.	505.01
Skeezicks 9979, A. R.	
sire of	
Yeksa Starlight 22216, A. R. 1023, G.	326.78
Yeksa Una 22217, A. R. 1052, G.	321.91
Fannie of Helendale 23110, A. R. 1368, F.	415.15
Carol of Chestnut Hill 24587, A. R. 1491, G.	459.45
Uneeda Maid 26195, A. R. 1693, G.	358.04
Annie's Pride 26197, A. R. 2024, G.	377.48
Rosaline of Waukesha 28059, A. R. 2103, G.	408.21
Beauty of Chestnut Hill 24588, A. R. 2183, D.	422.49
Maggie Campbell of Chestnut Hill 24590, A. R. 2208, D.	349.09
France Queen of Chestnut Hill 25127, A. R. 2561, D.	491.15
Lorena's Beauty 27115, A. R. 3437, G.	281.60
Bonny Jean of Chestnut Hill 24591, A. R. 3807, A.	369.34
Sunbeam of Chestnut Hill 25126, A. R. 3808, A.	614.18
Increase 12459, A. R.	
sire of	
Feather 28963, A. R. 1956, G.	429.94
Elm Brook Lassie 32849, A. R. 2353, G.	378.09
Glad Tidings 36773, A. R. 3585, E.	371.64
Yeksa Unis II 41805, A. R. 4249, F.	530.92
Third Belle 43342, A. R. 4351, G.	511.63
Yeksa's Unique 13123, A. R.	
sire of	
Yeksa Unis of Fern Ravine 36011, A. R. 3264, F.	364.22
Primrose of Fern Ravine 34153, A. R. 3362, E.	336.50
Pearl of Fern Ravine 38179, A. R. 3655, F.	297.59
King Talladeen of Chestnut Hill 13460, A. R.	
sire of	
Dairymaid of Waukesha 38053, A. R. 3388, G.	349.87
Waukesha's Pride 33986, A. R. 3485, F.	347.35
Butter Queen of Waukesha 38051, A. R. 3590, G.	343.42
Coral of Waukesha 43775, A. R. 3999, G.	357.41
Count Fritts 4748, A. R.	
sire of	
Miss Irene 16198, A. R. 327, G.	321.40
Lady Clementine 16195, A. R. 525, A.	503.34
Dora's Bess 16196, A. R. 848, A.	437.30

THE GUERNSEY BREED

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Benjamin 1931, A. R. (See picture, page 207, Chapter VIII.)

sire of		
Primrose's Tricksey 7236, A. R. 2, A.....		508.00
dam of		
Primrose of Salem 12524, A. R. 216, D.....		500.63
dam of		
Endymion's Primrose 23795, A. R. 1229, G.....		394.42
Endymion's Primrose 23795, A. R. 1229, C. (re-entry).....		656.71
Star of Snowdoun 17271, A. R. 1040, A.....		453.79
Star of Snowdoun 17271, A. R. 1040, A. (re-entry).....		555.02
dam of		
Sundew of Snowdoun 25229, A. R. 1317, G.....		269.62
Yeksa Sunburst 22576, A. R. 1024, G.....		334.20
Yeksa Sunburst 22576, A. R. 1024, A. (re-entry).....		581.24
Yeksa Sunburst 22576, A. R. 1024, A. (re-entry).....		540.46
Primitive 4909, A. R. (See picture, page 295, Chapter XIV.)		
sire of		
Queen Nellie 13792, A. R. 189, F.....		388.50
Phrosia 14532, A. R. 190, G.....		403.89
Miss Simplicity 14531, A. R. 215, G.....		380.30
Sir Primrose 5528, A. R.		
sire of		
Bonnie Girl of Haddon 28924, A. R. 1202, F.....		408.43
Lalla H. 25337, A. R. 1892, C.....		418.89
Glen Haddon 10700, A. R.		
sire of		
Anna Glenwood 24263, A. R. 1374, G.....		296.61
Glenwood Suke 26047, A. R. 1558, G.....		347.16
Mernaline 28173, A. R. 1837, G.....		329.75
Belle Glenwood 30552, A. R. 1990, G.....		259.03
Glen Haddon's Milk Maid 34638, A. R. 2502, G.....		459.77
Glen Haddon's Patience 34639, A. R. 2817, F.....		503.52
Dot Glenwood 30556, A. R. 3868, B.....		384.18
Glenwood Twilight 24259, A. R. 4061, A.....		370.15
Glen Haddon II 14054		
sire of		
Homewood's Helen of Troy 48024, A. R.—G.....		329.13
Iphigenia of Homewood 43961, A. R.—G.....		279.19
Glenwood Girl IV's Daughter 24676		
dam of		
Glenwood Girl IV's G. D. of Haddon 28929, A. R. 1201, G.....		298.26
Glenwood Girl IV's G. D. of Haddon 28929, A. R. 1201, A. (re-entry).....		403.32
Elfreda of Haddon 36575, A. R. 3668, F.....		494.56
Lady Benjamin 9508, A. R. 8, E.....		390.90
Primrosedale 8606, A. R. 113, A.....		380.41
Primrosedale 8606, A. R. 113, A. (re-entry).....		576.75
Primrosedale 8606, A. R. 113, A. (re-entry).....		489.59
dam of		
Primrosedale II 14360, A. R. 115, G.....		286.90
Primrosedale II 14360, A. R. 115, A. (re-entry).....		490.60
Primrosedale II 14360, A. R. 115, A. (re-entry).....		525.34
Primrosedale III 14823, A. R. 304, G.....		306.36
Primrosedale III 14823, A. R. 304, A. (re-entry).....		414.11
dam of		
Dot of Birchwood 21244, A. R. 1082, E.....		375.09
Emma of Birchwood 22178, A. R. 1068, G.....		307.21
Jessie May of Birchwood 18481, A. R. 560, G.....		299.62
Hope of Birchwood 33318, A. R. 3871, C.....		334.78
Primrosedale V 30557, A. R. 2052, G.....		339.51
Primrosedale V 30557, A. R. 2052, D. (re-entry).....		424.92
Primrosedale VI 35365, A. R. 2870, G.....		374.76
King of Pine Hill 7596, A. R.		
sire of		
Primrosedale II 14360, A. R. 115, G.....		286.90
Primrosedale II 14360, A. R. 115, A. (re-entry).....		490.60
Primrosedale II 14360, A. R. 115, A. (re-entry).....		525.34
Primrosedale III 14823, A. R. 304, G.....		306.36
Primrosedale III 14823, A. R. 304, A. (re-entry).....		414.11
dam of		
Dot of Birchwood 21244, A. R. 1082, E.....		375.09
Emma of Birchwood 22178, A. R. 1068, G.....		307.21

Jessie May of Birchwood 18481, A. R. 560, G.....	299.62
Hope of Birchwood 33318, A. R. 3871, C.....	334.78
Glorious II 14053, A. R.	
sire of	
Royaldale Gloria 34441, A. R. 2523, G.....	316.13
Glorious Hazel 34442, A. R. 3282, G.....	303.38
Leona Jane 37389, A. R. 3941, F.....	419.62
Edgewood's Iner 38492, A. R. 4007, E.....	387.90
Elnor Jane's Pride 4388, A. R. 4008, G.....	404.19
Madame Patti 7821, A. R. 332, A.....	402.34
Madame Tricksey 6519 (semi-official)	405.19
Coralman 3193, A. R.	
sire of	
Queen Deette 9794, A. R. 11, A.....	669.82
(Queen Deette 9794, A. R. 11, 413.10 pounds milk and 16.22 pounds fat in seven days.)	
Queen of Salem 8857, A. R. 172, A.....	393.67
Guilford's Prince 3965, A. R.	
sire of	
Christine of Pinehurst 13940, A. R. 299, A.....	507.44
dam of	
Christine of Pinehurst II 19636, A. R. 841, F.....	401.55
Christy of Pinehurst 13619, A. R.	
sire of	
Christy of Pinehurst's Princess 39270, A. R. 3813, G.....	270.77
Waltha II 37797, A. R. 3816, G.....	315.38
Lost Queen 12761, A. R. 532, A.....	390.16
Grand Rapids 10067, A. R.	
sire of	
Lost Queen II 18764, A. R. 620, E.....	348.91
Rex Eldou II 18763, A. R. 753, D.....	386.70
Rex Eldou II 18763, A. R. 753, A. (re-entry).....	536.95
Ben Bishop 3506, A. R.	
sire of	
Echlin 13336, A. R. 197, A.....	426.85
Lula Bishop 13368, A. R. 210, A.....	518.81
dam of	
Coralou 15807, A. R. 198, C.....	412.25
dam of	
Coralou's Glenwood Girl 29248, A. R. 1243, F.....	368.97
Coralou's Lily 19229, A. R. 445, A. (re-entry).....	450.05
dam of	
Lura Godiva 25243, A. R. 1241, C.....	369.95
Lura Coralily 29245, A. R. 3551, A.....	508.83
Captain Robbie II 8466, A. R.	
sire of	
Altina's Model 39263, A. R. 2866, E.....	317.81
Robbie's Queen 24551, A. R. 3392, A.....	493.39
Staraletta 41824, A. R. 3394, D.....	463.96
Louan of Richmond 15810, A. R. 335, C.....	420.44
dam of	
Louan of Richmond II 29246, A. R. 1177, F.....	377.54
Lura Maud 20372, A. R. 1545, A.....	470.09
Richmond Louanelle 19173, A. R. 444, G.....	297.50
Lura Roberts 25241, A. R. 1178, C.....	359.71
Lucy Bishop 15692	
dam of	
Lou of Richmond 15727, A. R. 221, G.....	347.64
Lura Lucille 29249, A. R. 1244, F.....	354.96
Lillian Bishop 15655, A. R. 334, A.....	402.10
dam of	
Lillian Bishop II 24966, A. R. 1596, C.....	649.01
Lily Maid of Richmond 15721, A. R. 226, G.....	372.69
dam of	
Lily Ella's Maid of Richmond 27453, A. R. 2708, C.....	515.38
Chula Fernwood 35310, A. R. 3251, F.....	423.59
Robilillias 19227, A. R. 1595, A.....	368.72
Dolly Bishop of Paxtang 16390, A. R. 523, F.....	344.41
Harpichord of Paxtang 16387, A. R. 538, F.....	307.07
White Clover of Paxtang 17637, A. R. 762, E.....	412.09

Glenwood Bishop 9186, A. R.	
sire of	
Katie Glenwood 36658, A. R. 3223, F.....	470.22
Katie Glenwood 36658, A. R. 3223, C. (re-entry).....	645.39
Glenwood's Buttercup 48137, A. R. 3224, G.....	518.80
Glenwood's Buttercup 48137, A. R. 3224, E. (re-entry).....	769.82
Lark of Brookdale 38125, A. R. 3826, B.....	577.40
Glenwood's Daisy 54896, A. R. 4076, G.....	478.77
Edith Bishop 15654	
dam of	
Edine of Richmond 15722, A. R. 219, G.....	361.48
Minar C. 15809, A. R. 217, D.....	363.27
Minar C. 15809, A. R. 217, A. (re-entry).....	432.93
Elsie Bishop 15652	
dam of	
Alcia of Richmond 15720, A. R. 288, F.....	353.14
Dina of Birchwood 22175, A. R. 1034, G.....	314.96
Falecia of Birchwood 25785, A. R. 1474, G.....	297.30
Laura Bishop 13367	
dam of	
Laurel of Richmond 15724, A. R. 275, G.....	371.68
Mina Kathryn 17985, A. R. 336, G.....	305.54
Olive of Richmond 15815, A. R. 218, F.....	282.83
Olive of Richmond 15815, A. R. 218, A. (re-entry).....	427.69
dam of	
Daisy of Birchwood 22176, A. R. 1033, G.....	260.86
Masher's Golden of Birchwood 32340, A. R. 2030, G.....	306.30
Gold Ollie 16953, A. R. 4286, A.....	551.36
Lucy Bishop 15692	
dam of	
Lou of Richmond 15727, A. R. 221, G.....	347.64
Lura Lucille 29249, A. R. 1244, F.....	354.96
Miss Kate 13337	
dam of	
Clio of Richmond 15816, A. R. 111, G.....	321.17
Clio of Richmond 15816, A. R. 111, A. (re-entry).....	422.91
Clio of Richmond 15816, A. R. 111, A. (re-entry).....	502.39
Richmond Gypsy 18467, A. R. 3625, A.....	634.83
Suke of Rosendale 6520	
dam of	
Sukine 10323, A. R. 47, C.....	354.07
Sukine 10323, A. R. 47, A. (re-entry).....	378.88
Sukine 10323, A. R. 47, A. (re-entry).....	461.18
Prince Rosendale 4291, A. R.	
sire of	
Violet of Oak Hill 25290, A. R. 1113, E.....	462.29
Violet of Oak Hill 25290, A. R. 1113, B. (re-entry).....	527.45
Tirsey's Beauty 15398, A. R. 1426, A.....	455.09
Prince of Hawthorn 7721, A. R.	
sire of	
Fillmore's Gold Dust 22038, A. R. 1104.....	441.50
Fillmore's Miss Hawthorn 21435, A. R. 1597, C.....	472.85
Butterwitch of Pomeroy 24045, A. R. 4082, A.....	411.11
Prince Rosendale's Grandson 9760, A. R.	
sire of	
Maid of Belfast 26453, A. R. 1980, D.....	403.35
Zaida of Chestnut Street 25058, A. R. 1981, D.....	413.46
Lawton Standard 9128, A. R.	
sire of	
Lawton's Namouna 23178, A. R. 1286, G.....	360.89
Rosemont of Spring City 32807, A. R. 2762, E.....	445.92
Prince Rosendale's Tricksey 20146	
dam of	
Sequel's Muriel 42808, A. R. 3219, F.....	330.55
Woodsey of Schuyler 26999, A. R. 3451, A.....	711.72
Prince Lawton 7696, A. R.	
sire of	
Gipsy of Sunnyside 22440, A. R. 2486, A.....	491.44
Roxie of Sunnyside 19246, A. R. 2549, A.....	572.66
Roxie of Sunnyside 19246, A. R. 2549, A. (re-entry).....	733.75
Rosetta of Sunnyside 22441, A. R. 2864, A.....	447.61
Hazel's Clementine 19245, A. R. 4033, A.....	600.55

Robert Bloomingdale 6316, A. R.	
sire of	
Freia of Watervliet 23174, A. R. 1064, E.....	336.42
Morning Star of Maple Row 21641, A. R.—A.....	449.49
Prince Rosendale Jr. 9214, A. R.	
sire of	
Aline of Lawton II 23153, A. R. 2254, C.....	398.36
Lady Vanity II 25253, A. R. 4095, A.....	664.71
Maud Hopeful of Lawton 16148	
dam of	
Choice Goods 21133, A. R. 948, G.....	396.17
Miss Hopeful 18622, A. R. 1322, A.....	465.55
Coralette 5722	
dam of	
Coralette's Son 3987, A. R.	
sire of	
Anna of Rosendale 18279, A. R. 604, G.....	273.63
Twinkling Star 18337, A. R. 605, G.....	292.13
Coco of Rosendale 18281, A. R. 709, F.....	306.79
Twilight's Valentine 19310, A. R. 752, F.....	318.88
Nina of Rosendale 20118, A. R. 829, G.....	324.66
Dawn of Rosendale 20119, A. R. 830, G.....	323.89
Coral Belle 22213, A. R. 937, G.....	322.81
Gloaming 21127, A. R. 950, G.....	273.82
Moonlight of Rosendale 22951, A. R. 1144, G.....	263.03
Hannah Cora 27242, A. R. 2677, D.....	412.97
Queen's Coralette 25486, A. R. 2679, C.....	353.14
Venus of Rosendale 24262, A. R. 3345, A.....	412.87
Prince Edward of Lindenhurst 10476, A. R.	
sire of	
Mistress Folly of Folly Farm 26276, A. R. 1493, F.....	308.47
Firefly of Folly Farm 26358, A. R. 1548, F.....	570.97
Pauline of Folly Farm 26277, A. R. 1549, F.....	552.28
Pauline of Folly Farm 26277, A. R. 1549, D. (re-entry).....	470.47
Rebecca of Folly Farm 26359, A. R. 1581, E.....	450.24
Beauty of Folly Farm 26360, A. R. 1651, G.....	346.29
The Abbess of Folly Farm 29892, A. R. 2263, E.....	432.22
Trixie of Folly Farm 29891, A. R. 2570, D.....	385.78
Council of Birchwood 10377, A. R.	
sire of	
Suzanne of Trianon 28682, A. R. 1637, F.....	300.89
Suzanne of Trianon 28682, A. R. 1637, A. (re-entry).....	388.25
Dalena Trianon 22598, A. R. 2806, F.....	453.86
Island's Antoinette 34730, A. R. 3081, F.....	357.16
His Majesty of Trianon 12227, A. R.	
sire of	
Duchesse of Trianon 28685, A. R. 1636, G.....	305.64
Duchesse of Trianon 28685, A. R. 1636, A. (re-entry).....	369.92
Coraletta of Trianon 29703, A. R. 2494, F.....	406.78
John Fritz 10796, A. R.	
sire of	
Evangeline of Nelsonville 26833, A. R. 4136, A.....	414.17
Gold Ollie III 39085, A. R. 4137, B.....	492.52
Lady Jessie of Nelsonville 29989, A. R.—A.....	637.62
Belle of Birchwood 18565	
dam of	
Doris of Birchwood 22174, A. R. 1003, G.....	276.97
Elizabeth B. of Birchwood 24216, A. R. 2934, A.....	391.25
Sir Coral 5239, A. R.	
sire of	
Roselle's Imperial 13490, A. R. 124, G.....	305.01
Countess Coral Beauty 14353, A. R. 208, G.....	423.97
Alta's Pearl 14278, A. R. 236, F.....	310.88
Vega II 15926, A. R. 375, G.....	284.15
Coral Roselle 15925, A. R. 824, A.....	510.02
Lady Coral 8605	
dam of	
King Coral 5238, A. R.	
sire of	
Frau III 15817, A. R. 110, G.....	303.57
Clio of Richmond 15816, A. R. 111, G.....	321.17
Clio of Richmond 15816, A. R. 111, A. (re-entry).....	422.91

Clio of Richmond 15816, A. R. 111, A. (re-entry).....	502.39
Frau II 15694, A. R. 133, E.....	442.53
Coralura 15811, A. R. 176, F.....	427.24
dam of	
Coralura II 19228, A. R. 446, G.....	294.35
Richmond Robilura 18466, A. R. 391, G.....	380.33
Coralou 15807, A. R. 198, C.....	412.25
dam of	
Coralou's Glenwood Girl 29248, A. R. 1243, F.....	368.97
Coralou's Lily 19229, A. R. 445, G.....	320.69
Coralou's Lily 19229, A. R. 445, A. (re-entry).....	450.05
dam of	
Lura Godiva 25243, A. R. 1241, C.....	369.95
Lura Coralily 29245, A. R. 3551, A.....	508.83
Captain Robbie II 8466, A. R.	
sire of	
Altina's Model 39263, A. R. 2866, E.....	317.81
Robbie's Queen 24551, A. R. 3392, A.....	493.39
Staralotta 41824, A. R. 3394, D.....	463.96
Minar C. 15809, A. R. 217, D.....	363.27
Minar C. 15809, A. R. 217, A. (re-entry).....	432.93
Olive of Richmond 15815, A. R. 218, F.....	282.83
Olive of Richmond 15815, A. R. 218, A. (re-entry).....	427.69
dam of	
Daisy of Birchwood 22176, A. R. 1033, G.....	260.86
Masher's Golden of Birchwood 32340, A. R. 2030, G.....	306.30
Gold Ollie 16953, A. R. 4286, A.....	551.36
Edine of Richmond 15722, A. R. 219, G.....	361.48
Margie of Richmond 15723, A. R. 220, G.....	380.87
Lou of Richmond 15727, A. R. 221, G.....	347.64
Lily Maid of Richmond 15721, A. R. 226, G.....	372.69
dam of	
Lily Ella's Maid of Richmond 27453, A. R. 2708, C.....	515.38
Chula Fernwood 35310, A. R. 3251, F.....	423.59
Frau of Richmond 15726, A. R. 231, G.....	316.03
Paula of Richmond 15808, A. R. 273, C.....	401.35
Paula of Richmond 15808, A. R. 273, A. (re-entry).....	627.60
Laurel of Richmond 15724, A. R. 275, G.....	371.68
Helas of Richmond 15725, A. R. 276, G.....	312.42
Alcia of Richmond 15720, A. R. 288, F.....	353.14
Brownie Lady 15812, A. R. 333, D.....	406.70
Louan of Richmond 15810, A. R. 335, C.....	420.44
dam of	
Louan of Richmond II 29246, A. R. 1177, F.....	377.54
Lura Maid 20372, A. R. 1545, A.....	470.09
Richmond Louanelle 19173, A. R. 444, G.....	297.50
Mina Kathryn 17985, A. R. 336, G.....	305.54
Dosia of Richmond 15814, A. R. 478, A.....	368.52
Lura's Last 15728, A. R. 1546, A.....	437.78
Richmond Gypsy 18467, A. R. 3265, A.....	634.83

Yeksa 2426.

Sir Champion XVI 557..	Imp. Sir Champion 38	{	Excelsior I 42, F. S.
	Imp. Daisy II 590.....		Daisy II of the Ramee 33, F. S.
Eminette 1229	Imp. Oakland Chief 452..	{	Imp. Winnifred 698
	Dam of Gladys of Doylestown 4293, 385.8 lbs. fat.		
	Imp. Lily of Prospect 615 8 lbs. 10 oz. fat in 3½ days.		

Yeksa 2426 was bred by I. J. Clapp, Kenosha, Wisconsin, who was the second man to bring Guernseys into Wisconsin, in the fall of 1881. She was born April 12, 1885, and was named after a Turkish nurse who had, shortly before the birth of this calf, come from Syria and been engaged by Mr. Clapp to care for his little niece.



Yeksa 2426.

Yeksa was sold, with her half-brother Puck, to Mrs. Etta A. Foster, Sparta, Wisconsin. Mrs. Foster tested the cow at both two and three years of age, and reported that she made 561 pounds of butter as a two-year-old, and over 600 pounds as a three-year-old; but the reports show that part of the time a pound of butter was made from 11 1-3 pounds of milk, and in light of later test work, the records may be taken with a grain of allowance. There is no doubt, however, that she was a great cow. Mrs. Foster raised from the pair, which were half brother and sister, one bull and two heifers. The bull was Yeksa's Prince 1943, and the daughters were Queen Vashti 6051, A. R. 174, 435.57 pounds fat at 14 years of age, and Bonny Jean 3646. Yeksa's Prince was sold to W. D. Richardson, Garden City, Minn., and Bonny Jean to Nels Martinson, Hutchinson, Minn.

Queen Vashti was bred to her own sire, and produced Yeksa's Queen, and the cow and calf were sold to A. J. Philips, West Salem, Wis. It would seem as though the blood had been effectually scattered, and so it was for a time; but later, through the efforts of the late Fred Rietbrock, much of it was again united in the Helendale herd. Bonny Jean, the oldest of the three calves, was born September

13, 1887. She was sold to go to Minnesota but later Mr. Rietbrock purchased most of her descendants and united her blood with that of the brother and sister. Yeksa's descendants are as follows:

Queen Vashti 6051, A. R. 174, A.....	435.47
dam of	
Queen Deette 9794, A. R. 11, A.....	669.82
Phrosia 14532, A. R. 190, G.....	403.89
Salem's King 5362, A. R.	
sire of	
Yeksa of Hazelwood 21445, A. R. 1015, G.....	385.06
Yeksarose II 23109, A. R. 1366, F.....	523.07



Guydetta 3966, A. R.

Florida 23111, A. R. 2299, B.....	432.84
Uncle Sam 11406, A. R.	
sire of	
Mary Cedar 34268, A. R. 3042, F.....	327.03
Lime Girl 33441, A. R. 3443, D.....	554.87
Yeksa's Queen 6631	
dam of	
Queen of Salem 8857, A. R. 172, A.....	393.67
Guydetta 3966, A. R.	
sire of	
Yeksarose 16610, A. R. 472, F.....	638.49
Yeksarose 16610, A. R. 472, C. (re-entry).....	678.16
dam of	
Yeksarose II 23109, A. R. 1366, F.....	523.07
Yeksarose III 25957, A. R. 1439, G.....	434.37
Yeksarose IV 36674, A. R. 2874, G.....	369.77
Yeksarose IV 36674, A. R. 2874, D. (re-entry).....	602.73
Rigolette 16611, A. R. 483, F.....	548.25
dam of	
Rigolette II 24444, A. R. 1365, G.....	365.32

Rigolette III 26843, A. R. 1737, G.....	379.58
Lily of Helendale 16915, A. R. 537, F.....	600.49
Persica 16961, A. R. 699, E.....	491.01
Fawn of Milton 21226, A. R. 2253, A.....	503.10
Endymion 8916, A. R.	
sire of	
Yeksa Sunburst 22576, A. R. 1024, G.....	334.20
Yeksa Sunburst 22576, A. R. 1024, A. (re-entry).....	581.24
Yeksa Sunburst 22576, A. R. 1024, A. (re-entry).....	540.46
Katharine Parker 20002, A. R. 1025, E.....	483.82
Marie B. 21505, A. R. 1039, F.....	345.56
Marie B. 21505, A. R. 1039, C. (re-entry).....	360.36
Marie B. 21505, A. R. 1039, A. (re-entry).....	430.71
Endymion's Primrose 23795, A. R. 1229, G.....	394.42
Endymion's Primrose 23795, A. R. 1229, C. (re-entry).....	656.71
Endymion's Primrose 23795, A. R. 1229, A. (re-entry).....	848.88
Sundew of Snowdown 25229, A. R. 1317, G.....	269.62
Sheila of Snowdown 25228, A. R. 1318, G.....	317.82
Kathrene Yeksa 26271, A. R. 1622, G.....	269.66
Litago 31555, A. R. 1890, F.....	488.56
Champion Belle 28954, A. R. 2384, E.....	469.24
Dorothy of Helendale 28955, A. R. 2948, C.....	481.76
Endymionta 26841, A. R. 2980, B.....	474.34
Laughing Water 37105, A. R. 3586, F.....	418.61
Endymia 35450, A. R. 3956, D.....	592.63
Marquette 16510, A. R.	
sire of	
Marquette's Frau 40977, A. R. 4298, F.....	414.15
Marguerite's Kanin 44923, A. R.—G.....	421.30
Rinaldo 8917, A. R.	
sire of	
Yeksa Unia 19790, A. R. 858, G.....	503.61
Yeksa Unia 19790, A. R. 858, B. (re-entry).....	647.75
Lily Yeksa 19791, A. R. 859, G.....	450.34
Lily Yeksa 19791, A. R. 958, A. (re-entry).....	585.93
Matin Belle 20696, A. R. 1186, E.....	520.05
Matin Belle 20696, A. R. 1186, A. (re-entry).....	556.01
Yeksa's Pearl 21441, A. R. 1262, E.....	502.61
Rigolette II 24444, A. R. 1365, G.....	365.32
Berkshire of Helendale 24441, A. R. 1367, G.....	453.33
Berkshire of Helendale 24441, A. R. 1367, A. (re-entry).....	480.21
dam of	
Artesia 32949, A. R. 3472, D.....	499.18
Laughing Water 37105, A. R. 3586, F.....	418.61
Electricia of Helendale 24744, A. R. 1441, G.....	462.69
Electricia of Helendale 24744, A. R. 1441, B. (re-entry).....	640.95
Matinee Girl 23114, A. R. 1442, E.....	562.04
Matinee Girl 23114, A. R. 1442, A. (re-entry).....	580.18
Penthesilia II 24745, A. R. 1443, G.....	512.20
Rigolette III 26843, A. R. 1737, G.....	379.58
Old Glory 11188, A. R.	
sire of	
Yeksarose III 25957, A. R. 1439, G.....	434.37
Old Morn's Glory 25959, A. R. 1440, G.....	435.11
Yeksarose IV 36674, A. R. 2874, G.....	369.77
Yeksarose IV 36674, A. R. 2874, D. (re-entry).....	602.73
Artesia 32949, A. R. 3472, D.....	499.18
Miss Sunset 37107, A. R. 3564, F.....	501.90
Old Faithful 14947, A. R. (See page 362.)	
Northwest 14011, A. R. (See page 362.)	
Guiding Star 12423, A. R.	
sire of	
Golden Bowl Snowdown 33341, A. R. 2161, G.....	368.28
Golden Bowl Snowdown 33341, A. R. 2161, C. (re-entry).....	470.14
Hulda Yeksa Snowdown 33345, A. R. 2194, G.....	283.33
Yeksamarg 27971, A. R. 2300, E.....	300.97
Lydia Snowdown 36170, A. R. 3031, G.....	324.95
Faye Snowdown 36173, A. R. 3032, G.....	311.56
Yeksa Opal Snowdown 33344, A. R. 3033, E.....	364.93
Helen Snowdown 36853, A. R. 3658, E.....	347.39
Yeksaedna 40589, A. R. 3709, G.....	295.78
Yeksaproud 36115, A. R. 3710, E.....	382.42

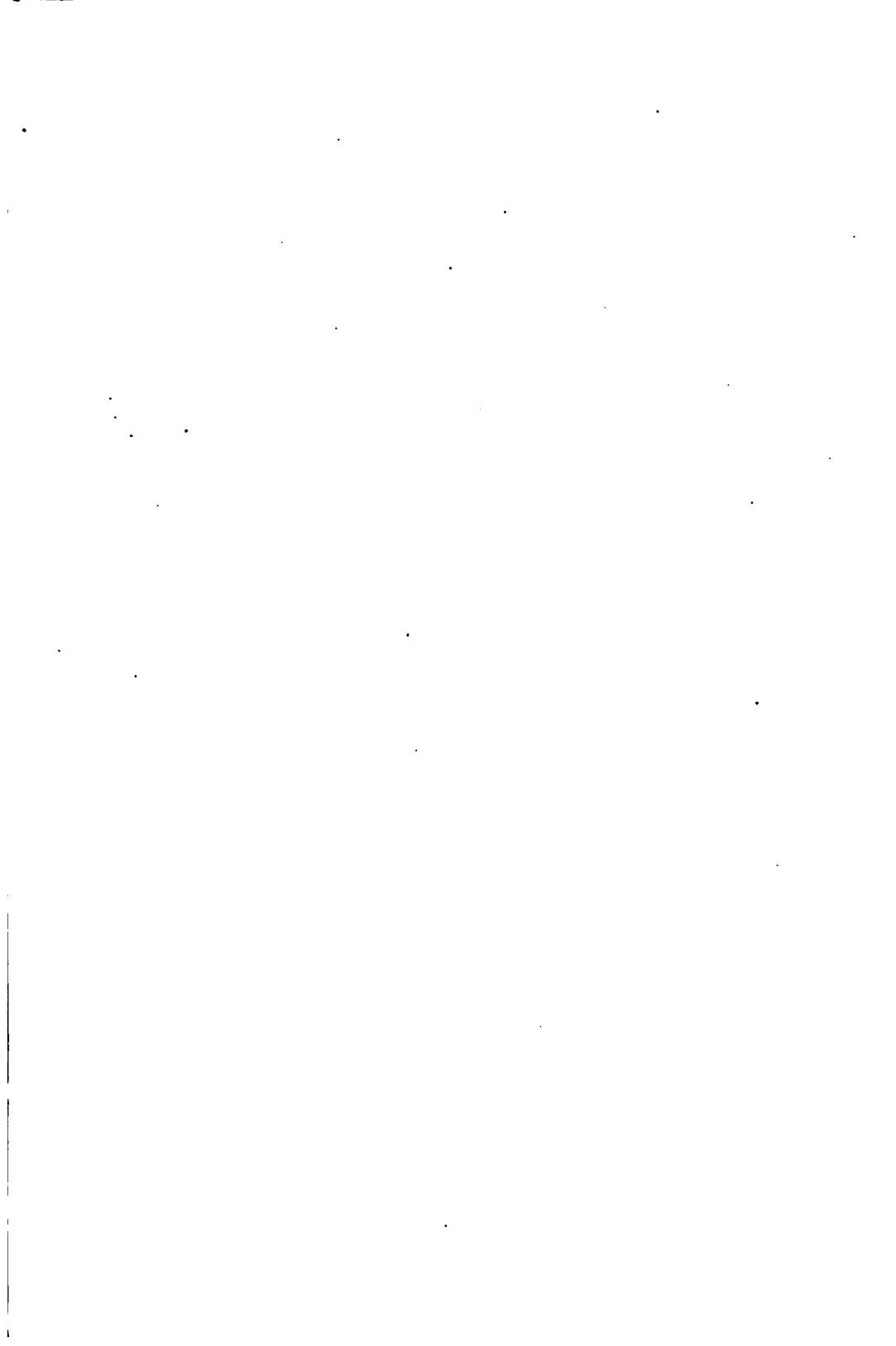
THE GUERNSEY BREED

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Yeksa Sunburst II 40590, A. R. 4074, F.....	354.08
Yeksarose VI 44757, A. R.—G.....	525.50
Captain of Industry 13118, A. R.	
sire of	
Lilly of Homestead 37827, A. R. 3508, G.....	529.76
Industry 13118, A. R.—E.....	502.93
Mary of Homestead 32263, A. R.—A.....	389.03
Guydette Jr. 11405, A. R.	
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Matin Belle II 25965, A. R. 1523, G.....	462.51
Minnette of Chestnut Hill 31441, A. R. 2209, F.....	520.03
Chedda's Beauty 31442, A. R. 2334, G.....	470.14
Junior Belle 25954, A. R. 2949, A.....	445.35
Carrie Guydette 38715, A. R. 3208, G.....	437.74
Heart of Oak 41158, A. R. 3565, G.....	417.90
Yeksa's Bonny 37535, A. R. 3809, E.....	533.42
King Yeksa 5684, A. R.	
sire of	
May Yeksa 13446, A. R. 114, F.....	285.39
May Yeksa 13446, A. R. 114, A. (re-entry).....	387.02
May Yeksa 13446, A. R. 114, A. (re-entry).....	469.67
Rose Yeksa 14269, A. R. 342, E.....	412.55
Lord Yeksa 6451, A. R.	
sire of	
Ferndale 13868, A. R. 185, G.....	359.32
Yeksa's Lily B's Opal 22366, A. R. 1026, G.....	294.88
Yeksa's Golden Bow 22367, A. R. 1027, G.....	292.31
Yeksalyd 24229, A. R. 1176, G.....	359.06
Yeksalyd 24229, A. R. 1176, C. (re-entry).....	527.06
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Lydia Snowdown 36170, A. R. 3031, G.....	324.95
Yeksaedna 40589, A. R. 3709, G.....	295.78
Lord Yeksa's Kate 21458, A. R. 1459, C.....	490.74
Yeksa's Normandie Fannie 22364, A. R. 2044, A.....	585.24
Yeksa's Tops of Gold's Fannie 22362, A. R. 2394, A.....	571.30
Yeksa's Tops of Gold's Fannie 22362, A. R. 2394, A. (re-entry).....	803.03
Yeksa's Tops of Gold's Fannie 22362, A. R. 2394, A. (re-entry).....	981.63
Lord Waukesha 10148, A. R.	
sire of	
Dora's Ada 22416, A. R. 1436, D.....	367.58
Dora's Ada 22416, A. R. 1436, A. (re-entry).....	704.25
Lady Tricksey of Waukesha 24491, A. R. 1591, E.....	481.26
Castello's Daisy 25474, A. R. 1942, E.....	368.64
Castello's Daisy 25474, A. R. 1942, A. (re-entry).....	517.10
Gentle of Sunny Valley 31230, A. R. 2043, G.....	350.60
Trislette of Sunny Valley 34120, A. R. 2531, G.....	371.83
Marguerite's Princess 35427, A. R. 2763, G.....	441.57
Elizabeth's Pet 31919, A. R. 3004, D.....	395.61
Lord's Hillside 35429, A. R. 3105, G.....	292.26
Daisy's Bell 38641, A. R. 3470, G.....	335.14
Marguerite of Sunny Valley 40719, A. R.—E.....	629.47
Lord Yeksa of Lone Mound 10180, A. R.	
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Arachine of Lone Mound 29424, A. R. 2861, A.....	431.53
Coralie of Lone Mound 29034, A. R.—A.....	460.28
Queen Isabella III's Daughter 18754	
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Park's Isabella 24019, A. R. 1388, F.....	389.37
Park's Yeksa Queen 21602, A. R. 1809, C.....	433.61
dam of	
Park's Queen Rhea 34759, A. R. 3273, E.....	420.46
Park's Yeksa Queen III 38813, A. R. 3274, G.....	378.50
Yeksa's Springunde's Fannie 22363	
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Butternut Bessie 37034, A. R. 2201, G.....	305.97
Butternut Queen 30478, A. R. 2568, C.....	531.99
Yeksa's Prince 1943, A. R.	
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Yeksa Sunbeam 15439, A. R. 331, A.....	857.15
Verna of Hazelwood 11761, A. R. 381, A.....	542.44

O. K. 4446, A. R.	
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Belle R. II 12940, A. R. 108, C.....	442.25
Select's O. K. 12942, A. R. 117, C.....	418.58
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Ilma of Fern Ravine 15322, A. R. 349, G.....	274.41
Miss Select of Fern Ravine 18479, A. R. 1519, A.....	374.85
Tilly of Fern Ravine 14150, A. R. 329, E.....	308.25
Belle O. K. 12944, A. R. 156, A.....	365.79
Lily O. K. 12941, A. R. 383, A. (See picture, page 358).....	523.63
Fannie O. K. 12974, A. R. 392, A.....	569.56
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Duessa 14221, A. R. 380, D.....	428.97
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Duessa's Pride 17267, A. R. 603, F.....	388.84
Thornapple 18453, A. R. 697, G.....	315.89
Fannie of Helendale 23110, A. R. 1368, F.....	415.15
Heart of Oak 41158, A. R. 3565, G.....	417.90
Mambrino 10085, A. R.	
sire of	
Lillian May Bishop 31575, A. R. 2608, E.....	563.90
Mambrino's Lura 31577, A. R. 2658, E.....	579.97
Mambrino's Doris 33959, A. R. 3023, E.....	404.49
Northwest 14011, A. R.	
sire of	
Penthesilia of Helendale 34544, A. R. 2459, G.....	455.08
Nirvana 41921, A. R. 3863, G.....	365.97
Yosemite of Wisconsin 43339, A. R. 4094, G.....	362.99
Florestine's Triumph 43846, A. R. 4350, G.....	551.04
Peach O. K. 12994, A. R. 554, A.....	603.64
dam of	
Persica 16961, A. R. 699, E.....	491.01
Guydette Jr. 11405, A. R.	
sire of	
Matin Belle II 25965, A. R. 1523, G.....	462.51
Minnuette of Chestnut Hill 31441, A. R. 2209, F.....	520.03
Chedda's Beauty 31442, A. R. 2334, G.....	470.14
Junior Belle 25954, A. R. 2949, A.....	445.35
Carrie Guydette 38715, A. R. 3208, G.....	437.74
Heart of Oak 41158, A. R. 3565, G.....	417.90
Yeksa's Bonny 37535, A. R. 3809, E.....	533.42
Lily Berkshire II 12970, A. R. 555, A.....	571.87
dam of	
Berkshire of Helendale 24441, A. R. 1367, G.....	453.33
Berkshire of Helendale 24441, A. R. 1367, A. (re-entry).....	480.21
dam of	
Artesia 32949, A. R. 3472, D.....	499.18
Laughing Water 37105, A. R. 3586, F.....	418.61
Old Faithful 14947, A. R.	
sire of	
Old Faithful's Lassie 35933, A. R. 2626, G.....	393.94
Ruth of Owasco Lake 36800, A. R. 2902, G.....	458.64
Helen of Owasco Lake 36801, A. R. 2904, G.....	407.78
Winona Bay II 35932, A. R. 3502, E.....	653.67
Sibylla's Promise 41194, A. R.—G.....	506.88
Uncle Sam 11406, A. R.	
sire of	
Lime Girl 33441, A. R. 3443, D.....	554.87
Mary Cedar 34268, A. R. 3042, F.....	327.03
O. K. Jr. 6785, A. R.	
sire of	
Rosalind of Fern Ravine 14152, A. R. 320, F.....	404.41
Tilly of Fern Ravine 14150, A. R. 329, E.....	308.25
Pearl O. K. 12969	
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Penthesilia 17625, A. R. 550, G.....	539.07
Penthesilia 17625, A. R. 550, B. (re-entry).....	658.39
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Penthesilia II 24745, A. R. 1443, G.....	512.20
Yeksa's Pearl 21441, A. R. 1262, E.....	502.61
Yeksarose 16610, A. R. 472, F.....	638.49

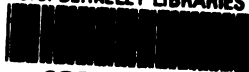
Yeksaarose 16610, A. R. 472, C. (re-entry).....	678.16
dam of	
Yeksaarose II 23109, A. R. 1366, F.....	523.07
Yeksaarose III 25957, A. R. 1439, G.....	434.37
Yeksaarose IV 36674, A. R. 2874, G.....	369.77
Yeksaarose IV 36674, A. R. 2874, D. (re-entry).....	602.73
Belle R. 6933	
dam of	
Belle O. K. 12944, A. R. 156, A.....	365.79
Belle R. II 12940, A. R. 108, C.....	442.25
Rinaldo 8917, A. R.	
sire of	
Yeksa Unis 19790, A. R. 858, G.....	503.61
Yeksa Unis 19790, A. R. 858, B. (re-entry).....	647.75
Lily Yeksa 19791, A. R. 859, G.....	450.34
Lily Yeksa 19791, A. R. 859, A. (re-entry).....	585.93
Matin Belle 20696, A. R. 1186, E.....	520.05
Matin Belle 20696, A. R. 1186, A. (re-entry).....	556.01
Yeksa's Pearl 21441, A. R. 1262, E.....	502.61
Rigolette II 24444, A. R. 1365, G.....	365.32
Berkshire of Helendale 24441, A. R. 1367, G.....	453.33
Berkshire of Helendale 24441, A. R. 1367, A. (re-entry).....	480.21
dam of	
Artesia 32949, A. R. 3472, D.....	499.18
Laughing Water 37105, A. R. 3586, F.....	418.61
Electricia of Helendale 24744, A. R. 1441, G.....	462.69
Electricia of Helendale 24744, A. R. 1441, B. (re-entry).....	640.95
Matinee Girl 23114, A. R. 1442, E.....	562.04
Matinee Girl 23114, A. R. 1442, A. (re-entry).....	580.18
Penthesilia II 24745, A. R. 1443, G.....	512.20
Rigolette III 26843, A. R. 1737, G.....	379.58
Old Glory 11188, A. R.	
sire of	
Yeksaarose III 25957, A. R. 1439, G.....	434.37
Old Morn's Glory 25959, A. R. 1440, G.....	435.11
Yeksaarose IV 36674, A. R. 2874, G.....	369.77
Yeksaarose IV 26674, A. R. 2874, D. (re-entry).....	602.73
Artesia 32949, A. R. 3472, D.....	499.18
Miss Sunset 37107, A. R. 3564, F.....	501.90
Old Faithful 14947, A. R.	
sire of	
Old Faithful's Lassie 35933, A. R. 2626, G.....	393.94
Ruth of Owasco Lake 36800, A. R. 2902, G.....	458.64
Helen of Owasco Lake 36801, A. R. 2904, G.....	407.78
Winona Bay II 35932, A. R. 3502, E.....	653.67
Sibylla's Promise 41194, A. R.—G.....	506.88
Northwest 14011, A. R.	
sire of	
Penthesilia of Helendale 34544, A. R. 2459, G.....	455.08
Nirvana 41921, A. R. 3863, G.....	365.97
Yosemite of Wisconsin 43339, A. R. 4094, G.....	362.99
Florestine's Triumph 43846, A. R. 4350, G.....	551.04
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sire of	
Golden Bowl Snowdown 33341, A. R. 2161, G.....	368.28
Golden Bowl Snowdown 33341, A. R. 2161, C. (re-entry).....	470.14
Hulda Yeksa Snowdown 33345, A. R. 2194, G.....	283.33
Yeksamarg 27971, A. R. 2300, E.....	300.97
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Faye Snowdown 36173, A. R. 3032, G.....	311.56
Yeksa Opal Snowdown 33344, A. R. 3033, E.....	364.93
Helen Snowdown 36853, A. R. 3658, E.....	347.39
Yeksasna 40589, A. R. 3709, G.....	295.78
Yeksaproud 36115, A. R. 3710, E.....	382.42
Yeksa Sunburst II 40590, A. R. 4074, F.....	354.08
Yeksaarose VI 44757, A. R.—G.....	525.50
Captain of Industry 13118, A. R.	
sire of	
Lilly of Homestead 37827, A. R. 3508, G.....	529.76
Industry 13118, A. R.—E.....	502.93
Mary of Homestead 32263, A. R.—A.....	389.03



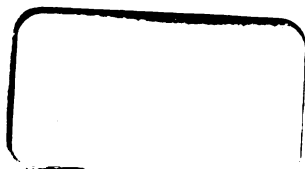
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